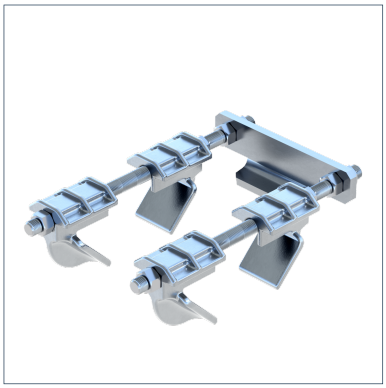
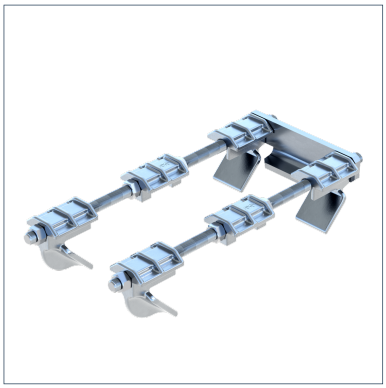
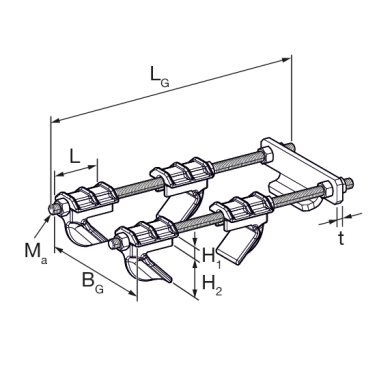
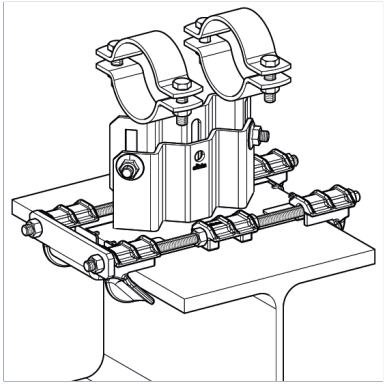
Axial Stop AS HCP









General Information

Modification of siMotec pipe shoes to a single-sided axial stop, for use with traditional steel beams. Using the Axial stop, the pipe shoe can move axially through the pipe to a predefined degree of displacement, with restricted limits in one axial direction.

Installation

The specified tightening torques must be observed for the connection to the beam. The required amount of axial movement is adjusted using the supplied nuts, with a maximum displacement of 125 mm, equating to half of the sliding plate Forces in the axial direction can only be achieved if anti-slip devices (e.g. cleats/stoppers) are used properly. These must be provided when designing the pipeline and are the responsibility of the pipeline manufacturer.

Max. Beam flange thickness t ≤ 30 mm

Application:

Type	For flange width [mm]
AS 80/120	80 - 120
AS 140/180	121 - 180
AS 200/220	161 - 220
AS 240/260	221 - 260
AS 280/300	261 - 300

Tightenning Torque

Flange Thickness [mm]	Beam Width 80 - 220 mm Tightenning Torque [Nm]	Beam Width 221 - 300 mm Tightenning Torque [Nm]
5 - 10	40	15
11 - 20	25	15
21 - 30	20	15

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel cast steel
Connecting element material	steel
Surface finish	HCP
Corrosion protection class	C4

Axial Stop AS HCP

Forces

Type	-V{X,perm.}	V{X,perm.}
AS 140/180 HCP	12.00 kN	12.00 kN
AS 200/220 HCP	12.00 kN	12.00 kN
AS 240/260 HCP	12.00 kN	12.00 kN
AS 280/300 HCP	12.00 kN	12.00 kN

Note on loadings

Load capacities correspond to the values of the fixed point set XS, see documentation in the catalogue. However, maximum axial load is 12 kN per axial stop.

Additional information

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

Types

Type	Weight	Quantity	Part number
AS 140/180 HCP	2.620 kg/pcs.	1 pcs.	802792
AS 200/220 HCP	2.590 kg/pcs.	1 pcs.	802793
AS 240/260 HCP	3.140 kg/pcs.	1 pcs.	802794
AS 280/300 HCP	3.690 kg/pcs.	1 pcs.	802795

Dimensions

Type	BG	H1	H2	L	LG	Ma	t
AS 140/180 HCP	172.5 mm	15.3 mm	42 mm	60 mm	325 mm	M12	8 mm
AS 200/220 HCP	172.5 mm	15.3 mm	42 mm	60 mm	325 mm	M12	8 mm
AS 240/260 HCP	172.5 mm	15.3 mm	42 mm	60 mm	370 mm	M12	8 mm
AS 280/300 HCP	172.5 mm	15.3 mm	42 mm	60 mm	410 mm	M12	8 mm

Certification