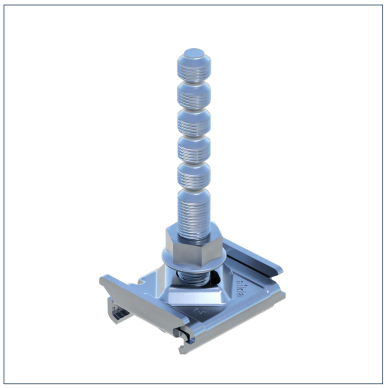
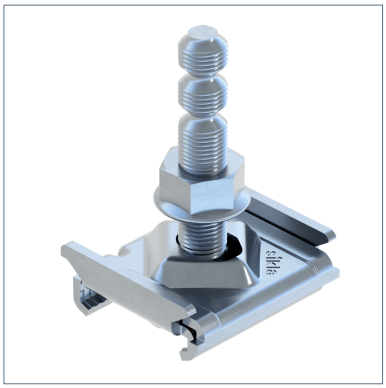
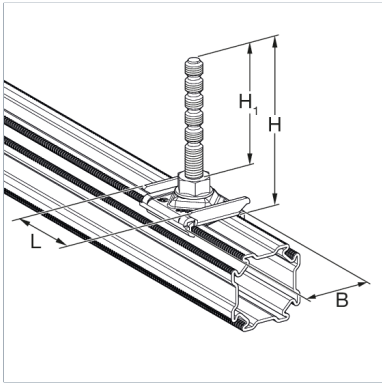
Blockset PBS 46 HCP







General Information

Quick assembly system for attaching pipe clamps and other components to the siMetrix Profile PRO 46. It is self-retaining thanks to the shape, but can still be easily moved by hand. Easy height adjustment due to 10 mm spaced grooves which allow easy shortening with the Rod Cutter PBC without sawing or re-cutting threads.

Installation

Snap the Blockset onto the profile, then tighten the connecting element with a lock nut. To disassemble, loosen the lock nut and press on the shoulder (highest point) of the blockset upper part and pull it off the profile. Pressix rod secured against unscrewing.
Tightening torque: 15 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.}
PBS 46 M 8 X 50 HCP	0.54 kN	0.54 kN	2.54 kN	2.54 kN	4.52 kN	4.52 kN
PBS 46 M 8 X 90 HCP	0.54 kN	0.54 kN	2.54 kN	2.54 kN	4.52 kN	4.52 kN
PBS 46 M 8 X 140 HCP	0.54 kN	0.54 kN	2.54 kN	2.54 kN	4.52 kN	4.52 kN
PBS 46 M10 X 50 HCP	0.54 kN	0.54 kN	2.54 kN	2.54 kN	4.52 kN	4.52 kN
PBS 46 M10 X 90 HCP	0.54 kN	0.54 kN	2.54 kN	2.54 kN	4.52 kN	4.52 kN
PBS 46 M10 X 140 HCP	0.54 kN	0.54 kN	2.54 kN	2.54 kN	4.52 kN	4.52 kN

Moments

Type	-M{X,perm.}	M{X,perm.}	-M{Y,perm.}	M{Y,perm.}
PBS 46 M 8 X 50 HCP	0.04 kNm	0.04 kNm	0.05 kNm	0.05 kNm
PBS 46 M 8 X 90 HCP	0.04 kNm	0.04 kNm	0.05 kNm	0.05 kNm
PBS 46 M 8 X 140 HCP	0.04 kNm	0.04 kNm	0.05 kNm	0.05 kNm
PBS 46 M10 X 50 HCP	0.04 kNm	0.04 kNm	0.05 kNm	0.05 kNm
PBS 46 M10 X 90 HCP	0.04 kNm	0.04 kNm	0.05 kNm	0.05 kNm
PBS 46 M10 X 140 HCP	0.04 kNm	0.04 kNm	0.05 kNm	0.05 kNm

Note on loadings

Following loads direction not RAL-tested: V(X), V(y), M(x) und M(y)

Types

Type	L	Weight	Quantity	Part number
PBS 46 M 8 X 50 HCP	47 mm	0.12 kg/pcs.	25 pcs.	803552
PBS 46 M 8 X 90 HCP	47 mm	0.13 kg/pcs.	25 pcs.	803553
PBS 46 M 8 X 140 HCP	47 mm	0.15 kg/pcs.	25 pcs.	803554
PBS 46 M10 X 50 HCP	47 mm	0.14 kg/pcs.	25 pcs.	803555
PBS 46 M10 X 90 HCP	47 mm	0.15 kg/pcs.	25 pcs.	803556
PBS 46 M10 X 140 HCP	47 mm	0.18 kg/pcs.	25 pcs.	803557

Dimensions

Type	B	H	H1	L
PBS 46 M 8 X 50 HCP	42.5 mm	50 mm	32 mm	47 mm
PBS 46 M 8 X 90 HCP	42.5 mm	90 mm	72 mm	47 mm
PBS 46 M 8 X 140 HCP	42.5 mm	140 mm	122 mm	47 mm
PBS 46 M10 X 50 HCP	42.5 mm	50 mm	30 mm	47 mm
PBS 46 M10 X 90 HCP	42.5 mm	90 mm	70 mm	47 mm
PBS 46 M10 X 140 HCP	42.5 mm	140 mm	120 mm	47 mm

Certification

This product has been awarded the RAL quality mark "Pipe Supports" and is subject to continuous external monitoring according to RAL GZ-655.