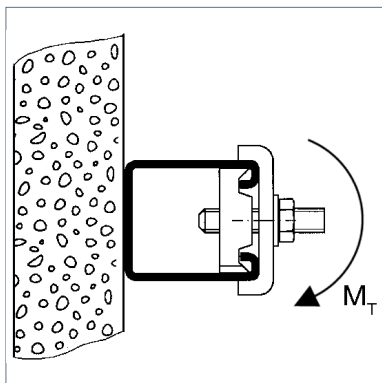
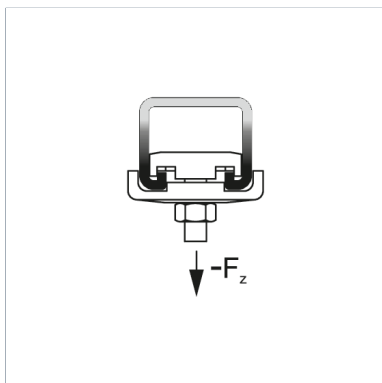
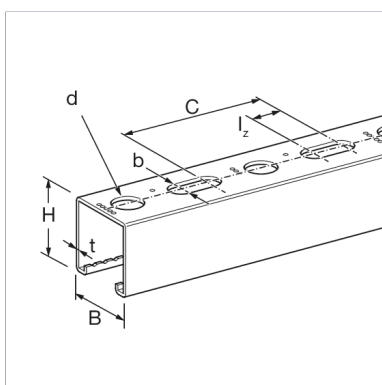




General Information

Element for easily and efficiently pre-assembling crossbars, wall brackets and support structures on site or in workshops. All products within the Pressix CC 27 range are compatible with Channel MS 27.

Installation

Fixation of the channel easily could be achieved using Nail Anchor PN and Screwbolt TSM-LPS.

Mechanical Properties

Permissible yield strength $f_{y,perm.}$	290,00 N/mm ²
Permissible stress $\sigma_{perm.}$	188,00 N/mm ²

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	pre-galvanised
Corrosion protection class	C2

Moments

Type	$M_{X,perm.}$
MS 27/15/1,25 2M	0,01 kNm
MS 27/15/1,25 3M	0,01 kNm
MS 27/15/1,25 6M	0,01 kNm
MS 27/25/1,25 2M	0,01 kNm
MS 27/25/1,25 3M	0,01 kNm
MS 27/25/1,25 6M	0,01 kNm
MS 27/37/1,25 2M	0,01 kNm
MS 27/37/1,25 6M	0,01 kNm

Cross-section values 1

Type	Elastic modulus W_y	Elastic modulus W_z	Second moment of area I_y	Second moment of area I_z	Radius of gyration i_y	Radius of gyration i_z
MS 27/15/1,25 2M	0,25 cm ³	0,64 cm ³	0,20 cm ⁴	0,86 cm ⁴	0,54 cm	1,13 cm

Type	Elastic modulus Wy	Elastic modulus Wz	Second moment of area Iy	Second moment of area Iz	Radius of gyration iy	Radius of gyration iz
MS 27/15/1,25 3M	0,25 cm ³	0,64 cm ³	0,20 cm ⁴	0,86 cm ⁴	0,54 cm	1,13 cm
MS 27/15/1,25 6M	0,25 cm ³	0,64 cm ³	0,20 cm ⁴	0,86 cm ⁴	0,54 cm	1,13 cm
MS 27/25/1,25 2M	0,55 cm ³	0,95 cm ³	0,72 cm ⁴	1,28 cm ⁴	0,89 cm	1,18 cm
MS 27/25/1,25 3M	0,55 cm ³	0,95 cm ³	0,72 cm ⁴	1,28 cm ⁴	0,89 cm	1,18 cm
MS 27/25/1,25 6M	0,55 cm ³	0,95 cm ³	0,72 cm ⁴	1,28 cm ⁴	0,89 cm	1,18 cm
MS 27/37/1,25 2M	1,03 cm ³	1,31 cm ³	1,97 cm ⁴	1,78 cm ⁴	1,27 cm	1,21 cm
MS 27/37/1,25 6M	1,03 cm ³	1,31 cm ³	1,97 cm ⁴	1,78 cm ⁴	1,27 cm	1,21 cm

Cross-section values 2

Type	Cross-sectional area A
MS 27/15/1,25 2M	0,67 cm ²
MS 27/15/1,25 3M	0,67 cm ²
MS 27/15/1,25 6M	0,67 cm ²
MS 27/25/1,25 2M	0,92 cm ²
MS 27/25/1,25 3M	0,92 cm ²
MS 27/25/1,25 6M	0,92 cm ²
MS 27/37/1,25 2M	1,22 cm ²
MS 27/37/1,25 6M	1,22 cm ²

Note on loadings

Note: All values refer to slotted channels.

Types

Type	L	Weight	Quantity	Part number
MS 27/15/1,25 2M	2.000 mm	0,6 kg/m	2 m	110856
MS 27/15/1,25 3M	3.000 mm	0,59 kg/m	3 m	112885
MS 27/15/1,25 6M	6.000 mm	0,59 kg/m	6 m	111725

Type	L	Weight	Quantity	Part number
MS 27/25/1,25 2M	2.000 mm	0,786 kg/m	2 m	110857
MS 27/25/1,25 3M	3.000 mm	0,59 kg/m	3 m	112886
MS 27/25/1,25 6M	6.000 mm	0,786 kg/m	6 m	110858
MS 27/37/1,25 2M	2.000 mm	0,886 kg/m	2 m	110569
MS 27/37/1,25 6M	6.000 mm	0,886 kg/m	6 m	110570

Dimensions

Type	B	b	C	d	H	lz	t
MS 27/15/1,25 2M	27 mm	8,5 mm	50 mm	10,5 mm	15 mm	10 mm	1,25 mm
MS 27/15/1,25 3M	27 mm	8,5 mm	50 mm	10,5 mm	15 mm	10 mm	1,25 mm
MS 27/15/1,25 6M	27 mm	8,5 mm	50 mm	10,5 mm	15 mm	10 mm	1,25 mm
MS 27/25/1,25 2M	27 mm	8,5 mm	50 mm	10,5 mm	25 mm	10 mm	1,25 mm
MS 27/25/1,25 3M	27 mm	8,5 mm	50 mm	10,5 mm	25 mm	10 mm	1,25 mm
MS 27/25/1,25 6M	27 mm	8,5 mm	50 mm	10,5 mm	25 mm	10 mm	1,25 mm
MS 27/37/1,25 2M	27 mm	8,5 mm	50 mm	10,5 mm	37 mm	10 mm	1,25 mm
MS 27/37/1,25 6M	27 mm	8,5 mm	50 mm	10,5 mm	37 mm	10 mm	1,25 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.

Documents



Channel MS 27-1.25 – RAL-GZ 655



Channel MS 27/15, 27/25 and 27/37
- Central load



Channel MS - Central load
overview



**Channel MS - Two point load
overview**



**Channel MS - Three point load
overview**



**Channel MS - Distributed load
overview**



**Channel MS - Slot pattern and
measurements**