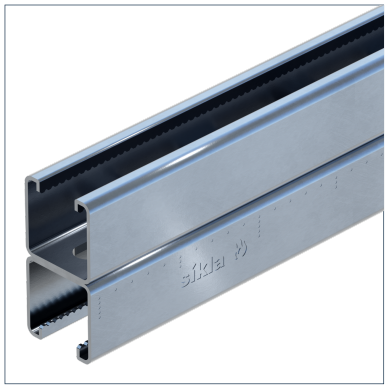
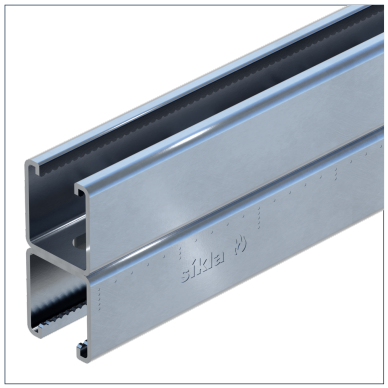
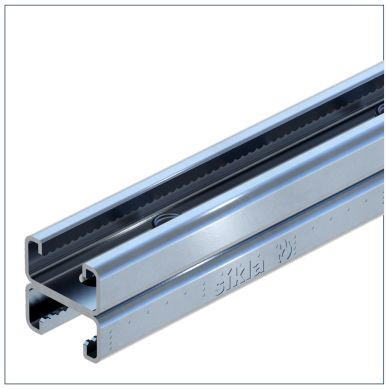
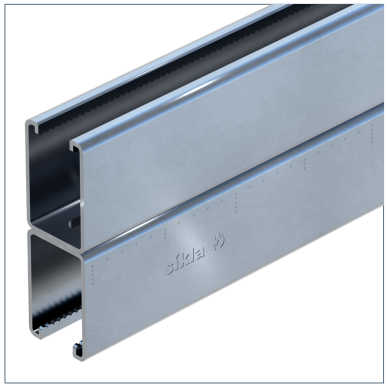
Channel MS 41 D









General Information

The Channel MS 41 D is a versatile element for technical building equipment and industrial plant construction. It is ideal for simple and professional manufacturing of crossbars, wall brackets and support frames. The internal serration and the possibility of combining it with siConnect system components such as the Slide Element GS 41, the Beam Clamp TCS 1, the T-Head Bolt TBO HZ and all other Sikla CC components, offer maximum flexibility during installation. The MS 41 D is available in various designs, for example as a trapezoidal channel for higher loads.

Installation

All channels of the 41 series are serrated inside and provide numerous combination options with other stainless steel system components.

Mechanical Properties

Permissible yield strength f{y,perm.}	285.00 N/mm²
Permissible stress σ{perm.}	185.00 N/mm²

Material Properties

Halogen-free	0
UV-resistant	0

Material

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

Forces

Type	V{Z,perm.}
MS 41/41/2,0 D 6M	4.00 kN

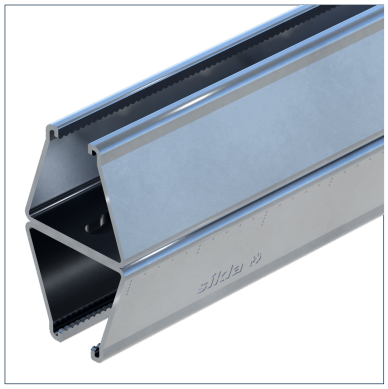
Moments

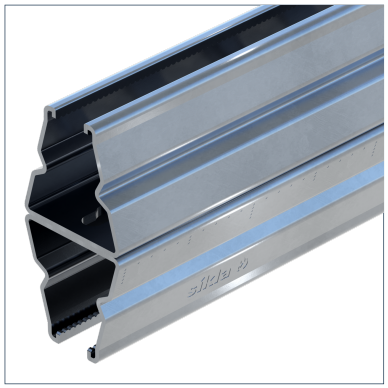
Type	M{X,perm.}
MS 41/41/2,0 D 6M	0.04 kNm

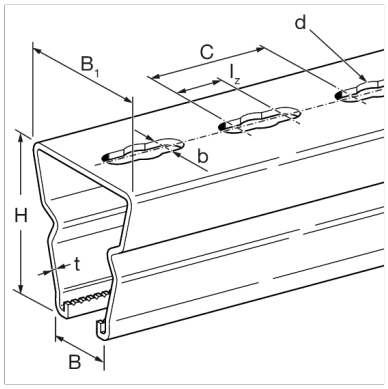
Cross-section values 1

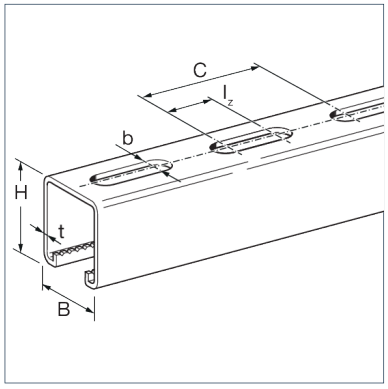
Type	Elastic modulus Wy	Elastic modulus Wz	Second moment of area Iy	Second moment of area Iz	Radius of gyration iy	Radius of gyration iz
MS 41/41/2,0 D 6M	7.49 cm³	7.30 cm³	30.73 cm^4	14.97 cm^4	2.48 cm	1.73 cm

Channel MS 41 D









Cross-section values 2

Type	Torsional constant It	Cross-sectional area A
MS 41/41/2,0 D 6M	0.05 cm^4	4.96 cm²

Note on loadings

Note: All values refer to slotted channels.

Additional information

For further technical data, see the pages in the download area.

Types

Type	L	Weight	Quantity	Part number
MS 41/41/2,0 D 6M	6000 mm	3.67 kg/m	6 m	193822

Dimensions

Type	B	b	C	H	Iz	t
MS 41/41/2,0 D 6M	41 mm	13 mm	62.5 mm	82 mm	27 mm	2 mm

Certification

Stahl

epd-global
Powered by EPD-Norway

Documents

Channel MS 41 Technical Data

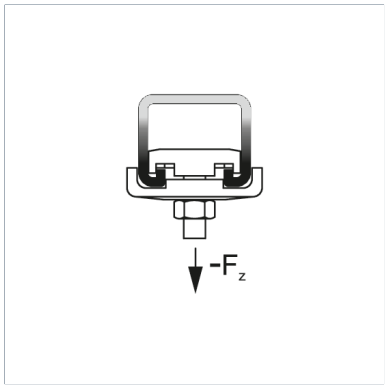
Channel MS 41-75/65/3,0 - Centrical load

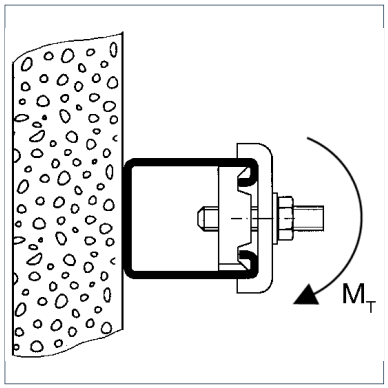
Channel MS - Centrical load overview

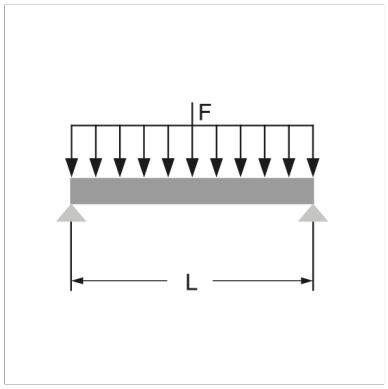
Channel MS - Two point load overview

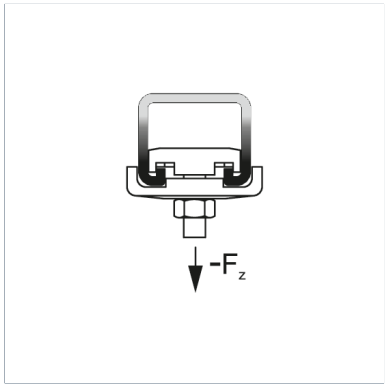
Channel MS - Three point load overview

Channel MS - Distributed load overview









Channel MS - Slot pattern and measurements

Channel MS 41-75/75/3,0 - Centrical load

Channel MS 41/21/2,0 - Centrical load

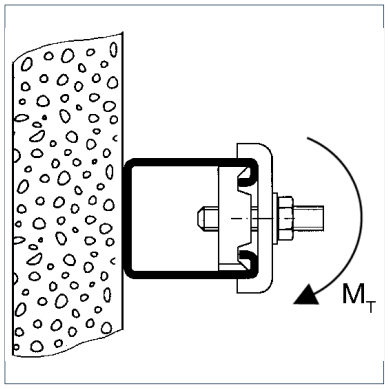
Channel MS 41/41/2,0 - Centrical load

Channel MS 41/41/2,5 - Centrical load

Channel MS 41/45/2,5 - Centrical load

Channel MS 41/52/2,5 - Centrical load

Channel MS 41/62/2,5 - Centrical load


M_T