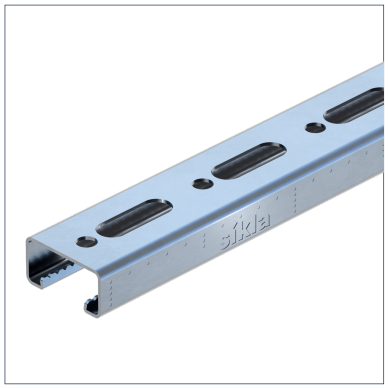
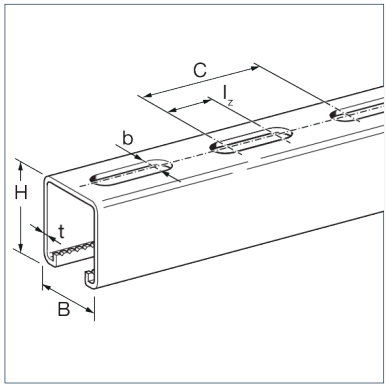
Channel MS 41 A4









General Information

For simple and professional production of crossbars, wall brackets and support frames on the construction site or for pre-assembly. The stainless steel Channel 41 rails are suitable as guide and support rails for the 41 VA sliding piece. In addition, all CC components in stainless steel can be used with this channel.

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	Stainless Steel A4
Corrosion protection class	CRC II – III (C4 – C5 acc. to DIN EN ISO 12944-2)

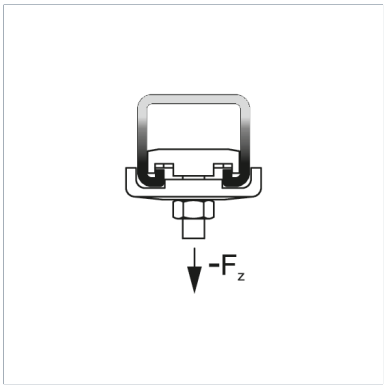
Forces

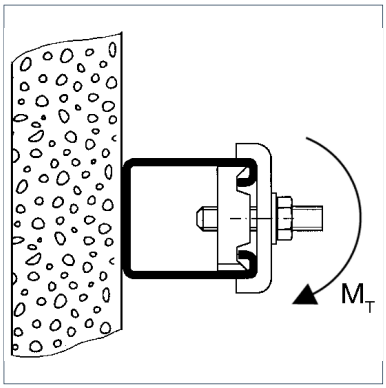
Type	V{Z,perm.}
MS 41/21/2,0 6M A4	4.00 kN
MS 41/41/2,0 6M A4	4.00 kN
MS 41/62/2,5 6M A4	6.00 kN

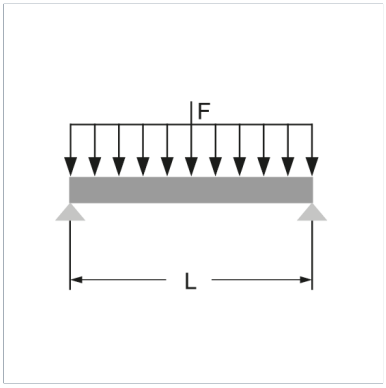
Moments

Type	M{X,perm.}
MS 41/21/2,0 6M A4	0.04 kNm
MS 41/41/2,0 6M A4	0.04 kNm
MS 41/62/2,5 6M A4	0.04 kNm

Channel MS 41 A4







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 41/21/2,0 6M A4	0.82 cm³	2.11 cm³	0.92 cm^4	4.32 cm^4	0.75 cm	1.64 cm
MS 41/41/2,0 6M A4	2.50 cm³	3.65 cm³	5.21 cm^4	7.48 cm^4	1.44 cm	1.73 cm
MS 41/62/2,5 6M A4	5.75 cm³	6.29 cm³	18.08 cm^4	12.91 cm^4	2.10 cm	1.77 cm

Cross-section values 2

Type	Torsional constant It	Cross-sectional area A
MS 41/21/2,0 6M A4	0.01 cm^4	1.60 cm²
MS 41/41/2,0 6M A4	0.03 cm^4	2.48 cm²
MS 41/62/2,5 6M A4	0.07 cm^4	4.08 cm²

Note on loadings

Note: All values refer to slotted channels.

Types

Type	L	Weight	Quantity	Part number
MS 41/21/2,0 6M A4	6000 mm	1.320 kg/m	6 m	110595
MS 41/41/2,0 6M A4	6000 mm	2.000 kg/m	6 m	195796
MS 41/62/2,5 6M A4	6000 mm	3.290 kg/m	6 m	173972

Dimensions

Type	B	b	C	H	Iz	t
MS 41/21/2,0 6M A4	41 mm	13 mm	62.5 mm	21 mm	27 mm	2 mm
MS 41/41/2,0 6M A4	41 mm	13 mm	62.5 mm	41 mm	27 mm	2 mm
MS 41/62/2,5 6M A4	41 mm	13 mm	62.5 mm	62 mm	27 mm	2.5 mm

Certification

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