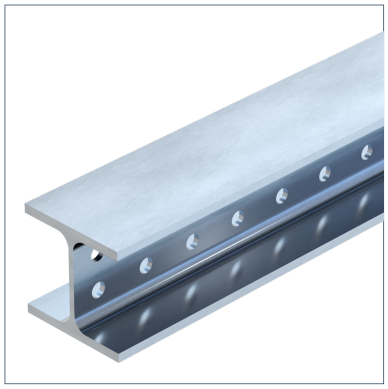
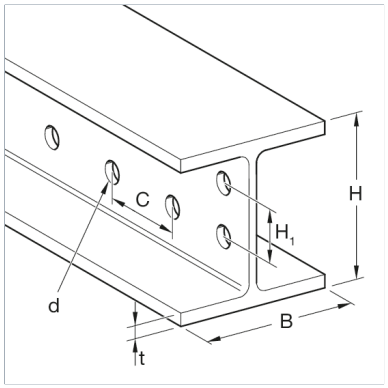
Beam Section TP 100 HCP





General Information

Multifunctional beam section to create complex substructures and 3D units for a wide range of applications. The beam section is suitable for a wide variety of applications with demanding load situations, e.g. with large spans or heavily loaded frame constructions.

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

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
TP 100 6M HCP	26,70 cm³	71,00 cm³	341,00 cm^4	133,00 cm^4	4,14 cm	2,59 cm

Cross-section values 2

Type	Torsional constant It	Cross-sectional area A
TP 100 6M HCP	5,15 cm^4	19,00 cm²

Note on loadings

Note: All values refer to slotted channels.

Additional information

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

Types

Type	Weight	Quantity	Part number
TP 100 6M HCP	17,1 kg/m	6 m	117354

Dimensions

Type	B	C	d	H	H1	t
TP 100 6M HCP	100 mm	50 mm	13,5 mm	96 mm	32 mm	8 mm

Certification

Documents

Static Guideline - siFramo & siMotec