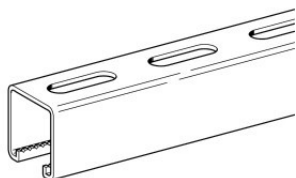


CHANNEL MS 41 HCP - prosystemitalia.com

CHANNEL MS 41 HCP

 - Group 1811

Application

Element for easily and efficiently pre-assembling crossbars, wall brackets and supporting structures on construction sites or in workshops.

Scope of delivery

Available as single or double channels.

Double channels are joined together by clinching.

Installation

All channels of 41 hcp series are serrated inside and provide numerous combination options with other high corrosion protected system components.

Technical Data

Material: Steel, HCP.

D = Double channel

Type W/H/th [mm]	Section modulus [cm ³]	Moment of inertia [cm ⁴]	Radius of gyration [cm]
41/21/2.0	$W_y : 0.82$	$I_y : 0.92$	$i_y : 0.76$
	$W_z : 2.12$	$I_z : 4.35$	$i_z : 1.65$
41/41/2.5	$W_y : 2.96$	$I_y : 6.19$	$i_y : 1.43$
	$W_z : 4.41$	$I_z : 9.05$	$i_z : 1.72$

Type W/H/th [mm]	Section modulus [cm ³]	Moment of inertia [cm ⁴]	Radius of gyration [cm]
41/62/2.5	W _y : 5.54 W _z : 6.27	I _y : 17.70 I _z : 12.86	i _y : 2.10 i _z : 1.79
41-75/75/3.0	W _y : 10.31 W _z : 11.59	I _y : 44.42 I _z : 43.48	i _y : 2.53 i _z : 2.50
41/21/2.0 D	W _y : 2.35 W _z : 4.24	I _y : 4.93 I _z : 8.70	i _y : 1.24 i _z : 1.65
41/41/2.5 D	W _y : 9.02 W _z : 8.82	I _y : 36.99 I _z : 18.10	i _y : 2.46 i _z : 1.72
41-75/75/3.0 D	W _y : 30.72 W _z : 23.07	I _y : 230.40 I _z : 86.96	i _y : 4.07 i _z : 2.50

Type W/H/th [mm]	Cross section A [cm ²]	Distance e [cm]	Max. point carrying capacity F _{max} [kN]	Max. torsional moment M _q [Nm]
41/21/2.0	1.61	1.12	4.0	44.5
41/41/2.5	3.05	2.09	6.0	44.5
41/62/2.5	4.01	3.20	6.0	44.5
41-75/75/3.0	6.95	4.31	10.0	44.5
41/21/2.0 D	3.21	2.10	4.0	44.5
41/41/2.5 D	6.09	4.10	6.0	44.5
41-75/75/3.0 D	13.90	7.50	10.0	44.5

Notice:

All values take into account the perforation of the channels.

For load charts, see chapter "Pressix CC 41".

Approvals

This product has obtained the "RAL Gütezeichen Rohrbefestigung" and is subject to external surveillance according to RAL GZ-655.



Tipo	Kg	Pezzi per confezione	Codice Articolo
	2.36	384	161494C
41/21/2,0 6 m	1.32	576	193861
41/21/2,0 6 m	1.32	576	193861C
41/41/2,5 6m	2.36	384	161497
41/41/2,5 6 m	2.46	384	161498
41/41/2,5 6 m	2.46	384	161498C
41/62/2,5 6 m	2.46	384	199527C
41/52/2,50 3m	3.13	120	199516
41/62/2,5 6 m	3.13	1	199527
41-75/75/3,0 6 m	5.68	144	174008
41/41/2,5 D 6 m	5	120	166748C

Tipo	Kg	Pezzi per confezione	Codice Articolo
41/41/2,5 D 6 m	4.74	120	166748