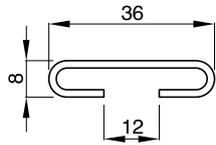


# HMPB C Channels - Product Details

HMPB-36/8 C Channel	Technical Details										
	Product	Cross Section	Moment of inertia				Section Modulus	Point loading	Bending cap.		
			$I_x$ cm <sup>4</sup>	$I_y$ cm <sup>4</sup>	$W_x$ cm <sup>3</sup>	$W_y$ cm <sup>3</sup>			kN	Span cm	0.5 (kN)

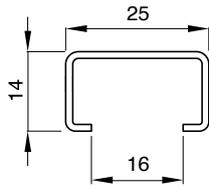


Plain Channel Type

<b>HMPB-P-36/8</b>	0.11	0.099	1.67	0.021	0.092	2.5	0.29	0.145	0.095
--------------------	------	-------	------	-------	-------	-----	------	-------	-------

- \* Plain Channels
- \* Standard lengths are 3 or 6 meters.
- \* Available in Stainless steel grade 1.4301 & 1.4401 and hot dip and electro galvanized mild steel.

HMPB-25/14 C Channel



Plain Channel Type

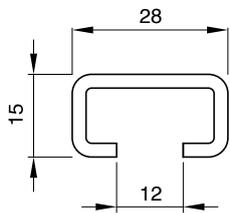
<b>HMPB-P-25/14</b>	0.71	0.192	0.679	0.023	0.0543	3.9	0.31	0.155	0.1
---------------------	------	-------	-------	-------	--------	-----	------	-------	-----

- \* Plain Channels
- \* Standard lengths are 3 or 6 meters.
- \* Available in Stainless steel grade 1.4301 & 1.4401 and hot dip and electro galvanized mild steel.

Unbraced Height (mm)	Maximum Column Load Applied at C.G.			
	K= 0.65 (kN)	K= 0.80 (kN)	K= 1.0 (kN)	K= 1.2 (kN)
600	23,00	23,00	21,8	15,2
750	23,00	21,9	14,00	9,7
1000	18,6	12,3	7,9	5,5
1250	11,9	7,9	5,1	3,5
1500	8,3	5,5	3,5	2,4
1750	6,1	4,00	2,6	1,8
2000	4,6	3,1	2,00	1,35

Span (mm)	Max Allowable Uniform Load (kN)	Deflection at Uniform Load (mm)	Uniform Loading at Deflection		
			Span/180 (kN)	Span/240 (kN)	Span/360 (kN)
600	0,96	3,6	0,66	0,48	0,31
750	0,75	5,4	0,42	0,32	0,2
1000	0,59	10,4	0,23	0,16	0,12
1250	0,45	15	0,14	0,1	0,062
1500	0,37	22,4	0,09	0,06	0,034
1750	0,31	29,7	0,06	0,04	0,019
2000	0,276	41,1	0,04	0,02	0,01

HMPB-28/15 C Channel	Technical Details										
	Product	Cross Section	Moment of inertia				Section Modulus	Point loading	Bending cap.		
			$I_x$ cm <sup>4</sup>	$I_y$ cm <sup>4</sup>	$W_x$ cm <sup>3</sup>	$W_y$ cm <sup>3</sup>			kN	Span cm	0.5 (kN)



Plain Channel Type

<b>HMPB-P-28/15</b>	1.36	0.37	1.37	0.42	0.98	3.90	0.81	0.21	0.09
---------------------	------	------	------	------	------	------	------	------	------

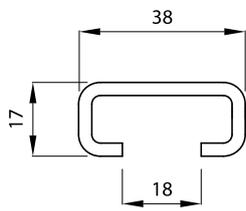
- \* Plain Channels
- \* Standard lengths are 3 or 6 meters.
- \* Available in Stainless steel grade 1.4301 & 1.4401 and hot dip and electro galvanized mild steel.

Unbraced Height (mm)	Maximum Column Load Applied at C.G.			
	K= 0.65 (kN)	K= 0.80 (kN)	K= 1.0 (kN)	K= 1.2 (kN)
600	22,00	22,00	22,00	17,20
750	22,00	22,00	15,80	11,00
1000	21,10	13,90	8,90	6,20
1250	13,50	8,90	5,70	4,00
1500	9,40	6,20	3,96	2,75
1750	6,90	4,50	2,90	2,00
2000	5,30	3,50	2,20	1,50
2250	4,20	2,75	1,76	1,20
2500	3,40	2,20	1,40	0,99
2750	2,80	1,80	1,20	0,81

Span (mm)	Max Allowable Uniform Load (kN)	Deflection at Uniform Load (mm)	Uniform Loading at Deflection		
			Span/180 (kN)	Span/240 (kN)	Span/360 (kN)
600	0,99	3,2	0,75	0,57	0,37
750	0,79	4,8	0,48	0,35	0,23
1000	0,58	8,7	0,26	0,19	0,12
1250	0,46	13,6	0,16	0,12	0,08
1500	0,38	19,8	0,11	0,08	0,043
1750	0,32	26,9	0,07	0,05	0,02
2000	0,27	35,1	0,04	0,02	NR
2500	0,21	53,5	0,1	NR	NR
3000	0,17	80,6	NR	NR	NR

# HMPB C Channels - Product Details

HMPB-38/17 C Channel	Technical Details										
	Product	Cross Section	Moment of inertia				Section Modulus	Point loading	Bending cap.		
			A cm <sup>2</sup>	Ix cm <sup>4</sup>	Iy cm <sup>4</sup>	Wx cm <sup>3</sup>			Wy cm <sup>3</sup>	kN span cm	0.5 (kN)



Plain Channel Type

<b>HMPB-P-38/17</b>	2.22	0.76	4.02	0.75	2.12	4.80	1.40	0.40	0.19
---------------------	------	------	------	------	------	------	------	------	------

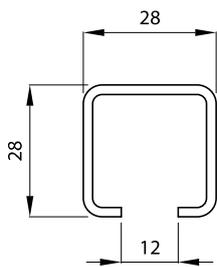


- \* Plain Channels
- \* Standard lengths are 3 or 6 meters.
- \* Available in Stainless steel grade 1.4301 & 1.4401 and hot dip and electro galvanized mild steel.

HMPB-P-38/17-A2 - Column Loading (Metric)				
Unbraced Height (mm)	Maximum Column Load Applied at C.G.			
	K= 0.65 (kN)	K= 0.80 (kN)	K= 1.0 (kN)	K= 1.2 (kN)
600	36,00	36,00	36,00	34,80
750	36,00	36,00	32,10	22,30
1000	36,00	28,20	18,00	12,50
1250	27,30	18,00	11,50	8,00
1500	18,90	12,50	8,00	5,60
1750	13,90	9,20	5,80	4,10
2000	10,70	7,00	4,50	3,10
2250	8,40	5,60	3,60	2,50
2500	6,80	4,50	2,90	2,00
2750	5,60	3,70	2,40	1,70

HMPB-P-38/17-A2 - Beam Loading (Metric)					
Span (mm)	Max Allowable Uniform Load (kN)	Deflection at Uniform Load (mm)	Uniform Loading at Deflection		
			Span/180 (kN)	Span/240 (kN)	Span/360 (kN)
600	1,68	2,8	1,5	1,15	0,75
750	1,35	4,3	0,98	0,71	0,47
1000	1	7,8	0,53	0,39	0,26
1250	0,79	11,8	0,34	0,24	0,15
1500	0,66	17	0,22	0,15	0,04
1750	0,56	23,7	0,15	0,1	0,06
2000	0,47	30,3	0,1	0,07	0,03
2500	0,36	47,7	0,04	NR	NR
3000	0,29	68,6	NR	NR	NR

HMPB-28/28 C Channel	Technical Details										
	Product	Cross Section	Moment of inertia				Section Modulus	Point loading	Bending cap.		
			A cm <sup>2</sup>	Ix cm <sup>4</sup>	Iy cm <sup>4</sup>	Wx cm <sup>3</sup>			Wy cm <sup>3</sup>	kN span cm	0.5 (kN)



Plain Channel Type

<b>HMPB-P-28/28</b>	1.73	1.70	2.13	1.08	1.52	3.00	1.90	0.90	0.40
---------------------	------	------	------	------	------	------	------	------	------



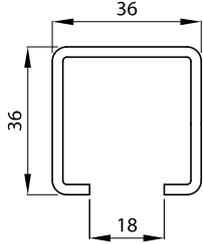
- \* Plain Channels
- \* Standard lengths are 3 or 6 meters.
- \* Available in Stainless steel grade 1.4301 & 1.4401 and hot dip and electro galvanized mild steel.

HMPB-P-2x28/28-A2 - Column Loading (Metric)				
Unbraced Height (mm)	Maximum Column Load Applied at C.G.			
	K= 0.65 (kN)	K= 0.80 (kN)	K= 1.0 (kN)	K= 1.2 (kN)
600	28,00	28,00	28,00	28,00
750	28,00	28,00	28,00	28,00
1000	28,00	28,00	28,00	27,3
1250	28,00	28,00	25,2	17,5
1500	28,00	27,3	17,5	12,2
1750	28,00	20,00	12,9	8,9
2000	23,3	15,4	9,8	6,8
2250	18,4	12,1	7,7	5,4
2500	14,9	9,8	6,3	4,4
2750	12,3	8,1	5,2	3,6

HMPB-P-2x28/28-A2 - Beam Loading (Metric)					
Span (mm)	Max Allowable Uniform Load (kN)	Deflection at Uniform Load (mm)	Uniform Loading at Deflection		
			Span/180 (kN)	Span/240 (kN)	Span/360 (kN)
600	2,4	1,8	2,4	2,4	2,3
750	1,87	2,8	1,87	1,55	1,05
1000	1,4	4,9	1,15	0,85	0,57
1250	1,12	7,7	0,75	0,56	0,37
1500	0,93	11	0,49	0,37	0,24
1750	0,78	14,6	0,35	0,28	0,16
2000	0,68	20	0,26	0,19	0,12
2500	0,55	31,4	0,15	0,1	0,06
3000	0,42	42,3	0,09	0,06	0,03

# HMPB & HMPC C Channels - Product Details

HMPB-36/36 C Channel	Technical Details										
	Product	Cross Section	Moment of inertia				Section Modulus	Point loading	Bending cap.		
			$I_x \text{ cm}^4$	$I_y \text{ cm}^4$	$W_x \text{ cm}^3$	$W_y \text{ cm}^3$			$\text{kN}_{\text{Span cm}}$	0.5 (kN)	1 (kN)



Plain Channel Type

<b>HMPB-P-36/36</b>	2.76	4.40	5.75	2.12	3.19	4.40	3.90	1.90	1.00
---------------------	------	------	------	------	------	------	------	------	------

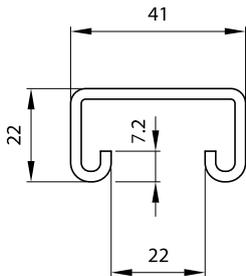


- \* Plain Channels
- \* Standard lengths are 3 or 6 meters.
- \* Available in Stainless steel grade 1.4301 & 1.4401 and hot dip and electro galvanized mild steel.

HMPB-P-2,5x36/36-A2 - Column Loading (Metric)				
Unbraced Height (mm)	Maximum Column Load Applied at C.G.			
	K= 0.65 (kN)	K= 0.80 (kN)	K= 1.0 (kN)	K= 1.2 (kN)
600	43,5	43,5	43,5	43,5
750	43,5	43,5	43,5	43,5
1000	43,5	43,5	43,5	43,5
1250	43,5	43,5	43,5	43,5
1500	43,5	43,5	43,5	30,9
1750	43,5	43,5	32,8	22,7
2000	43,5	39,2	25,1	17,4
2250	43,5	30,9	19,8	13,7
2500	38,00	25,1	16,00	11,1
2750	31,4	20,7	13,3	9,2

HMPB-P-2,5x36/36-A2 - Beam Loading (Metric)					
Span (mm)	Max Allowable Uniform Load (kN)	Deflection at Uniform Load (mm)	Uniform Loading at Deflection		
			Span/180 (kN)	Span/240 (kN)	Span/360 (kN)
600	4,6	1,4	4,6	4,6	4,2
750	3,7	2,1	3,7	3,7	2,62
1000	2,75	3,8	2,75	2,25	1,5
1250	2,2	5,9	1,94	1,44	0,94
1500	1,8	8,4	1,3	0,98	0,65
1750	1,56	11,3	0,96	0,7	0,45
2000	1,34	14,5	0,72	0,52	0,34
2500	1,07	22,7	0,43	0,31	0,19
3000	0,87	34,1	0,27	0,19	0,1

HMPC-41/22 C Channel	Technical Details										
	Product	Cross Section	Moment of inertia				Section Modulus	Point loading	Bending cap.		
			$I_x \text{ cm}^4$	$I_y \text{ cm}^4$	$W_x \text{ cm}^3$	$W_y \text{ cm}^3$			$\text{kN}_{\text{Span cm}}$	0.5 (kN)	1 (kN)



Plain Channel Type

<b>HMPC-P-41/22</b>	2.37	1.28	5.56	1.05	2.69	5.60	1.90	0.90	0.40
---------------------	------	------	------	------	------	------	------	------	------



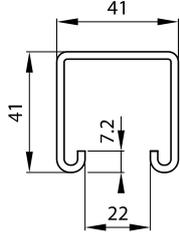
- \* Plain Channels
- \* Standard lengths are 3 or 6 meters.
- \* Available in Stainless steel grade 1.4301 & 1.4401 and hot dip and electro galvanized mild steel.

HMPC-P-41/22-A2 - Column Loading (Metric)				
Unbraced Height (mm)	Maximum Column Load Applied at C.G.			
	K= 0.65 (kN)	K= 0.80 (kN)	K= 1.0 (kN)	K= 1.2 (kN)
600	35,00	35,00	35,00	35,00
750	35,00	35,00	35,00	35,00
1000	35,00	35,00	28,60	19,86
1250	35,00	28,60	18,30	12,70
1500	30,10	19,90	12,70	8,80
1750	22,10	14,60	9,30	6,50
2000	16,90	11,20	7,10	4,90
2250	13,40	8,80	5,60	3,90
2500	10,80	7,10	4,60	3,20
2750	8,90	5,90	3,80	2,60

HMPC-P-41/22-A2 - Beam Loading (Metric)					
Span (mm)	Max Allowable Uniform Load (kN)	Deflection at Uniform Load (mm)	Uniform Loading at Deflection		
			Span/180 (kN)	Span/240 (kN)	Span/360 (kN)
600	2,10	2,20	2,10	1,80	1,20
750	1,70	3,40	1,54	1,13	0,75
1000	1,25	6,00	0,85	0,63	0,42
1250	1,00	9,80	0,54	0,39	0,25
1500	0,82	13,60	0,30	0,21	0,13
1750	0,70	18,50	0,25	0,18	0,11
2000	0,6	24,00	0,18	0,12	0,07
2500	0,45	36,80	0,09	0,06	0,02
3000	0,36	52,70	0,04	NR	NR

# HMPC & HMPS C Channels - Product Details

HMPC-41/41 C Channel	Technical Details										
	Product	Cross Section	Moment of inertia				Section Modulus	Point loading	Bending cap.		
			$I_x$ cm <sup>4</sup>	$I_y$ cm <sup>4</sup>	$W_x$ cm <sup>3</sup>	$W_y$ cm <sup>3</sup>			kN	Span cm	0.5 (kN)



Plain Channel Type

<b>HMPC-P-41/41</b>	3.31	7.00	8.93	3.04	4.36	5.60	5.60	2.80	1.90
---------------------	------	------	------	------	------	------	------	------	------

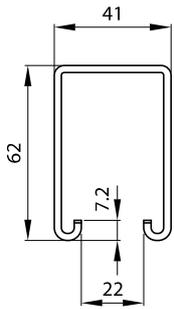


- \* Plain Channels
- \* Standard lengths are 3 or 6 meters.
- \* Available in Stainless steel grade 1.4301 & 1.4401 and hot dip and electro galvanized mild steel.

HMPC-P-2.5x41/41-A2 - Column Loading (Metric)				
Unbraced Height (mm)	Maximum Column Load Applied at C.G.			
	K= 0.65 (kN)	K= 0.80 (kN)	K= 1.0 (kN)	K= 1.2 (kN)
600	49,50	49,50	49,50	49,50
750	49,50	49,50	49,50	49,50
1000	49,50	49,50	49,50	49,50
1250	49,50	49,50	49,50	49,50
1500	49,50	49,50	49,50	44,60
1750	49,50	49,50	47,20	32,80
2000	49,50	49,50	36,20	25,10
2250	49,50	44,70	28,60	19,80
2500	49,50	36,20	23,10	16,10
2750	45,30	29,90	19,10	13,30

HMPC-P-2.5x41/41-A2 - Beam Loading (Metric)					
Span (mm)	Max Allowable Uniform Load (kN)	Deflection at Uniform Load (mm)	Uniform Loading at Deflection		
			Span/180 (kN)	Span/240 (kN)	Span/360 (kN)
600	6	1,2	6	6	6
750	4,75	1,9	4,75	4,75	3,83
1000	3,6	3,4	3,6	3,25	2,1
1250	2,9	5,3	2,75	2,06	1,37
1500	2,4	7,7	1,9	1,41	0,93
1750	2,01	10,3	1,4	1,02	0,67
2000	1,76	13,5	1,04	0,76	0,5
2500	1,38	21	0,63	0,46	0,29
3000	1,14	30,7	0,41	0,29	0,16

HMPS-41/62 C Channel	Technical Details										
	Product	Cross Section	Moment of inertia				Section Modulus	Point loading	Bending cap.		
			$I_x$ cm <sup>4</sup>	$I_y$ cm <sup>4</sup>	$W_x$ cm <sup>3</sup>	$W_y$ cm <sup>3</sup>			kN	Span cm	0.5 (kN)



Plain Channel Type

<b>HMPS-P-41/62</b>	4.46	20.90	13.34	7.62	6.40	5.60	5.30	2.60	1.60
---------------------	------	-------	-------	------	------	------	------	------	------



- \* Plain Channels
- \* Standard lengths are 3 or 6 meters.
- \* Available in Stainless steel grade 1.4301 & 1.4401 and hot dip and electro galvanized mild steel.

HMPS-P-2.5x41/62-A2 - Column Loadin (Metric)				
Unbraced Height (mm)	Maximum Column Load Applied at C.G.			
	K= 0.65 (kN)	K= 0.80 (kN)	K= 1.0 (kN)	K= 1.2 (kN)
600	65,00	65,00	65,00	65,00
750	65,00	65,00	65,00	65,00
1000	65,00	65,00	65,00	65,00
1250	65,00	65,00	65,00	65,00
1500	65,00	65,00	65,00	65,00
1750	65,00	65,00	65,00	65,00
2000	65,00	65,00	65,00	65,00
2250	65,00	65,00	65,00	57,40
2500	65,00	65,00	65,00	46,50
2750	65,00	65,00	55,40	38,40

HMPS-P-2.5x41/62-A2 - Beam Loading (Metric)					
Span (mm)	Max Allowable Uniform Load (kN)	Deflection at Uniform Load (mm)	Uniform Loading at Deflection		
			Span/180 (kN)	Span/240 (kN)	Span/360 (kN)
600	11,7	0,9	11,7	11,7	11,7
750	9,4	1,3	9,4	9,4	9,4
1000	7	2,3	7	7	6,2
1250	5,63	3,6	5,63	5,63	4
1500	4,65	5,2	4,65	4,2	2,78
1750	4,03	7,1	4,03	3	1,98
2000	3,46	9,1	3,1	2,3	1,5
2500	2,75	14,3	1,95	1,45	0,94
3000	2,25	20,5	1,32	0,96	0,6