MATECSA

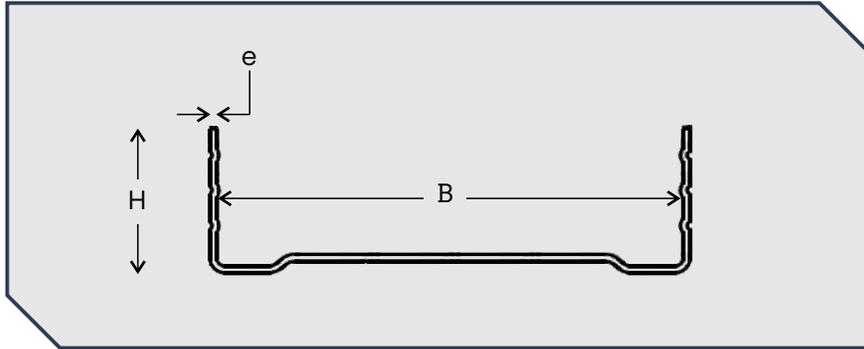## SERIE CML
Perfiles tipo CANAL
Norma NTC 5680 - NTC 5681

Propiedades físicas

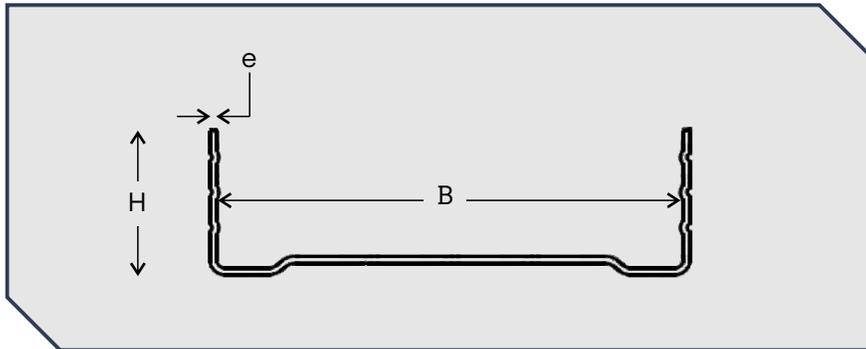| PERFILES TIPO CANAL SERIE CML						PROPIEDADES EFECTIVAS	
	Alma [B]		Aleta [H]		Espesor de diseño [e]	Área de la sección	I_x (*)	Mn/Ωb (**)
Referencia	[mm]	[pulg]	[mm]	[pulg]	[mm]	[mm²]	[mm⁴]	[N-m]
C16210025	41.28	1 5/8	25.40	1	0.47	43.15	12988	48.00
C16210024	41.28	1 5/8	25.40	1	0.52	47.58	14286	61.68
C16210022	41.28	1 5/8	25.40	1	0.67	60.80	18120	75.82
C16210020	41.28	1 5/8	25.40	1	0.82	73.91	21864	104.70
C16210020N	41.28	1 5/8	25.40	1	0.87	78.25	23092	107.53
C25010025	63.50	2 1/2	25.40	1	0.47	53.82	34124	88.48
C25010024	63.50	2 1/2	25.40	1	0.52	59.36	37571	112.29
C25010022	63.50	2 1/2	25.40	1	0.67	75.91	47795	139.19
C25010020	63.50	2 1/2	25.40	1	0.82	92.35	57842	182.46
C25010020N	63.50	2 1/2	25.40	1	0.87	97.81	61151	197.13
C35010025	88.90	3 1/2	25.40	1	0.47	66.01	74711	160.90
C35010024	88.90	3 1/2	25.40	1	0.52	72.82	82307	189.80
C35010022	88.90	3 1/2	25.40	1	0.67	93.18	104889	225.48
C35010020	88.90	3 1/2	25.40	1	0.82	113.43	127160	289.68
C35010020N	88.90	3 1/2	25.40	1	0.87	120.16	134515	313.24
C36210025	92.08	3 5/8	25.40	1	0.47	67.53	81190	172.96
C36210024	92.08	3 5/8	25.40	1	0.52	74.50	89451	202.18
C36210022	92.08	3 5/8	25.40	1	0.67	95.34	114010	238.47
C36210020	92.08	3 5/8	25.40	1	0.82	116.06	138240	304.46
C36210020N	92.08	3 5/8	25.40	1	0.87	122.95	146244	328.88

(*) Momento de inercia I_x, se da para cálculos de deflexión.
(**) Momento permisible, basado en el pandeo local.

SERIE CML

Perfiles tipo CANAL
Norma NTC 5680 - NTC 5681

Propiedades físicas

Referencia	Alma [B] [mm]	Alma [B] [pulg]	Aleta [H] [mm]	Aleta [H] [pulg]	Espesor de diseño [e] [mm]	Área de la sección [mm²]	Iₓ (*) [mm⁴]	Mn/Ωb (**) [N-m]
C40010024	101.60	4	25.40	1	0.52	79.55	113213	243.82
C40010022	101.60	4	25.40	1	0.67	101.82	144359	281.48
C40010020	101.60	4	25.40	1	0.82	123.97	175116	351.79
C40010020N	101.60	4	25.40	1	0.87	131.34	185282	378.41
C45010022	114.30	4 1/2	25.40	1	0.67	110.45	192041	328.59
C45010020	114.30	4 1/2	25.40	1	0.82	134.52	233070	440.15
C45010020N	114.30	4 1/2	25.40	1	0.87	142.51	246640	478.89
C55010022	139.70	5 1/2	25.40	1	0.67	127.58	310459	371.75
C55010020	139.70	5 1/2	25.40	1	0.82	155.46	377613	519.68
C55010020N	139.70	5 1/2	25.40	1	0.87	164.72	399847	572.31
C60010020	152.40	6	25.40	1	0.82	166.14	475419	631.00
C60010020N	152.40	6	25.40	1	0.87	176.04	503277	688.61

Header note: I_x (*), $Mn/\Omega b$ (**)

(*) Momento de inercia I_x, se da para cálculos de deflexión.
(**) Momento permisible, basado en el pandeo local.