



- G Masa por unidad de longitud
- A Área de la sección
- A_L Superficie a pintar por metro lineal
- A_G Superficie a pintar por tonelada
- I_y Momento de inercia de la sección, respecto a eje Y
- W_{el,y} Momento elástico de la sección, respecto a eje Y
- W_{pl,y} Momento plástico de la sección, respecto a eje Y
- i_y Radio de giro respecto eje Y = $\sqrt{\frac{I_y}{A}}$
- A_{vz} Área de cortante

- I_z Momento de inercia de la sección, respecto a eje Z
- W_{el,z} Momento elástico de la sección, respecto a eje Z
- W_{pl,z} Momento plástico de la sección, respecto a eje Z
- i_z Radio de giro respecto eje Z = $\sqrt{\frac{I_z}{A}}$
- S_s Momento estático
- I_t Inercia a torsión
- I_w Inercia a alabeo

MC	Dimensiones						Superficie		Propiedades													Clasificación								
	G	h	b	t _w	t _f	A	d	A _L	A _G	I _y	W _{el,y}	W _{pl,y}	i _y	A _{vz}	I _z	W _{el,z}	W _{pl,z}	i _z	S _s	I _t	I _w	y _s	y _m	Momento puro		Compresión				
	kg/m (lbs/ft)	mm	mm	mm	mm	mm ² x10 ³	mm	m ² /m	m ² /t	mm ⁴ x10 ⁴	mm ³ x10 ³	mm ³ x10 ³	mm	mm ² x10 ²	mm ⁴ x10 ⁴	mm ³ x10 ³	mm ³ x10 ³	mm	mm	mm ⁴ x10 ⁴	mm ⁶ x10 ⁹	mm	mm	S335	S355	S235	S355			
Métrico (Imperial)																														
MC 150 x 17.9 (MC 6 x 12)	17.9 (12)	152	63	7.9	9.5	22.6	101	0.530	29.63	773.0	102.0	123.0	5.83	12.70	69.8	15.10	29.6	1.75	27.1	7.89	2.6	1.63	3.11	1	1	1	1	1	1	1
MC 150 x 22.5 (MC 6 x 15.1)	22.5 (15.1)	152	74	8.0	12.1	28.6	89	0.570	25.42	1033.0	136.0	162.0	6.01	13.40	134	25.80	49.7	2.16	31.8	14.0	4.66	2.18	4.21	1	1	1	1	1	1	1
MC 150 x 22.8 (MC 6 x 15.3)	22.8 (15.3)	152	88	8.6	9.8	29	91.7	0.620	27.36	1050.0	138.0	164.0	6.01	14.20	178	27.90	55.2	2.48	30.8	12.9	6.58	2.31	4.54	1	1	1	1	1	1	1
MC 150 x 24.3 (MC 6 x 16.3)	24.3 (16.3)	152	76	9.5	12.1	30.9	88.2	0.570	23.68	1081	142.0	171.0	5.91	15.50	147	27.20	53.3	2.17	33.5	17.1	5.18	2.17	4.11	1	1	1	1	1	1	1
MC 150 x 26.8 (MC 6 x 18)	26.8 (18)	152	88	9.6	12.1	34.1	85.4	0.620	23.28	1223	161.0	192.0	5.99	15.80	219	35.40	68.7	2.54	34.6	19.7	7.70	2.53	4.88	1	1	1	1	1	1	1
MC 180 x 28.4 (MC 7 x 19.1)	28.4 (19.1)	178	87	8.9	12.7	36.2	110	0.670	23.63	1797	202.0	239.0	7.05	17.30	230	37.40	72.2	2.52	34.5	20.2	11.2	2.46	4.81	1	1	1	1	1	1	1
MC 180 x 33.8 (MC 7 x 22.7)	33.8 (22.7)	178	91	12.8	12.7	43	109	0.680	20.12	1973	222.0	271.0	6.77	23.7	271	40.80	80.9	2.51	38.7	32.9	13.6	2.42	4.47	1	1	1	1	1	1	1
MC 200 x 12.6 (MC 8 x 8.5)	12.6 (8.5)	203	47	4.5	7.9	16.1	162	0.580	45.69	971	95.7	115.0	7.77	9.7	27.1	7.53	14.5	1.30	20.0	2.54	1.89	1.07	2.19	1	1	2	4	1	1	
MC 200 x 27.8 (MC 8 x 18.7)	27.8 (18.7)	203	75	9.0	12.7	35.5	140	0.680	24.29	2171	214.0	258.0	7.83	19.4	160	29.30	56.8	2.13	33.1	17.9	10.4	1.99	3.84	1	1	1	1	1	1	1
MC 200 x 29.8 (MC 8 x 20)	29.8 (20)	203	76	10.2	12.7	37.9	136	0.680	22.71	2261	223.0	271.0	7.72	21.9	167	29.8	58.7	2.10	35.2	22.3	11.2	1.97	3.69	1	1	1	1	1	1	1
MC 200 x 31.8 (MC 8 x 21.4)	31.8 (21.4)	203	87	9.5	13.3	40.6	132	0.720	22.66	2555	253	300.0	7.94	20.8	251	40.0	78.0	2.49	36.1	24.6	16.2	2.36	4.61	1	1	1	1	1	1	1
MC 200 x 33.9 (MC 8 x 22.8)	33.9 (22.8)	203	88	10.8	13.3	43.2	130	0.720	21.30	2645	261	314.0	7.83	23.4	262	40.7	80.3	2.46	38.1	29.8	17.3	2.33	4.44	1	1	1	1	1	1	1
MC 230 x 35.6 (MC 9 x 23.9)	35.6 (23.9)	229	87	10.2	14.0	45.3	158	0.770	21.65	3547	310	373.0	8.84	24.7	275	43.2	83.8	2.46	37.2	28.8	22.9	2.29	4.43	1	1	1	1	1	1	1
MC 230 x 37.8 (MC 9 x 25.4)	37.8 (25.4)	229	88	11.4	14.0	48.2	155	0.770	20.43	3670	321	389.0	8.73	27.5	286	43.9	86.3	2.44	39.1	34.5	24.2	2.26	4.28	1	1	1	1	1	1	1
MC 250 x 12.5 (MC 10 x 8.4)	12.5 (8.4)	254	38	4.3	7.1	15.9	215	0.640	51.40	1354	107	132.0	9.20	11.5	14.1	4.6	9.14	0.94	18.7	1.95	1.70	0.71	1.40	1	1	1	1	1	1	1
MC 250 x 33 (MC 10 x 22)	33 (22)	254	84	7.4	14.6	41.6	179	0.810	24.70	4310	339	397.0	10.10	21.0	255	42.2	81.3	2.46	35.9	24.4	25.8	2.30	4.65	1	1	1	1	1	1	1
MC 250 x 37 (MC 10 x 25)	37 (25)	254	86	9.7	14.6	47.4	186	0.820	22.09	4543	358	430.0	9.81	25.8	285	45.3	86.5	2.46	36.1	28.2	28.9	2.25	4.42	1	1	1	1	1	1	1
MC 250 x 42.4 (MC 10 x 28)	42.4 (28.5)	254	100	10.8	14.6	54	178	0.870	20.51	5257	414	496.0	9.87	29.0	433	59.0	114	2.83	39.7	38.2	44.5	2.58	5.09	1	1	1	1	1	1	1
MC 250 x 50 (MC 10 x 33.6)	50 (33.6)	254	104	14.6	14.6	63.7	178	0.880	17.63	5750	453	558.0	9.52	37.9	498	63.8	126	2.80	43.3	58.0	52.7	2.55	4.74	1	1	1	1	1	1	1
MC 250 x 61.2 (MC 10 x 41)	61.2 (41.1)	254	110	20.2	14.6	78.1	170	0.890	14.55	6550	516	654.0	9.17	51.7	582	69.2	146	2.73	51.0	124	65.2	2.59	4.32	1	1	1	1	1	1	1
MC 310 x 15.8 (MC 12 x 10)	15.8 (10.6)	305	38	4.8	7.8	20	262	0.750	47.40	2338	153	196.0	10.80	15.5	15.9	5.1	10.8	0.89	20.9	3.2	3.22	0.69	1.30	1	1	1	4	4	1	1
MC 310 x 46 (MC 12 x 31)	46 (31)	305	93	9.4	17.8	58.9	225	0.960	20.95	8292	544	661.0	12.00	31.4	436	65.0	129	2.74	41.1	53.4	70.6	2.61	5.32	1	1	1	1	1	1	1
MC 310 x 52 (MC 12 x 35)	52 (35)	305	96	11.8	17.8	66.2	218	0.960	18.52	8998	590	726.0	11.70	39.1	487	68.7	138	2.71	45.6	70.1	82.1	2.55	5.00	1	1	1	1	1	1	1
MC 310 x 60 (MC 12 x 40)	60 (40)	305	98	15.0	17.8	76.1	214	0.960	16.17	9732	638	798.0	11.30	48.7	526	71.5	146	2.63	49.9	97.7	91.5	2.48	4.57	1	1	1	1	1	1	1
MC 310 x 67 (MC 12 x 45)	67 (45)	305	102	18.0	17.8	85	214	0.970	14.53	10510	689	873.0	11.10	57.4	597	77.5	161	2.65	52.9	131	105	2.53	4.41	1	1	1	1	1	1	1
MC 310 x 74 (MC 12 x 50)	74 (50)	305	105	21.2	17.8	94.8	222	0.980	13.21	11140	731	939.0	10.90	65.9	664	83.5	175	2.65	54.0	164	116	2.59	4.24	1	1	1	1	1	1	1
MC 330 x 47.3 (MC 13 x 31)	47.3 (31.8)	330	102	9.5	15.5	60.3	242	1.040	21.95	9986	605	739.0	12.90	35.0	500	65.1	136	2.88	42.9	53.4	107	2.58	5.34	1	1	1	1	1	1	1
MC 330 x 52 (MC 13 x 35)	52 (35)	330	103	11.4	15.5	66.4	242	1.040	19.96	10500	636	786.0	12.60	41.1	526	67.0	140	2.82	44.7	64.5	115	2.50	5.03	1	1	1	1	1	1	1
MC 330 x 60 (MC 13 x 40)	60 (40)	330	106	14.2	15.5	76	236	1.050	17.48	11470	699	870.0	12.30	50.4	576	70.2	150	2.75	49.1	95.5	131	2.45	4.67	1	1	1	1	1	1	1
MC 330 x 74 (MC 13 x 50)	74 (50)	330	112	20.0	15.5	94.8	247	1.060	14.29	12990	787	1016.0	11.70	67.8	708	81.0	175	2.74	51.7	151	158	2.52	4.30	1	1	1	1	1	1	1
MC 460 x 63.5 (MC 18 x 42)	63.5 (42.7)	457	100	11.4	15.9	81.3	366	1.280	20.18	23040	1008	1263.0	16.90	55.7	535	67.4	141	2.57	45.6	73.3	237	2.11	4.23	1	1	1	1	1	3	3
MC 460 x 68.2 (MC 18 x 45)	68.2 (45.8)	457	102	12.7	15.9	87.1	370	1.290	18.91	24010	1051	1330.0	16.60	61.2	576	70.9	149	2.58	45.8	81.8	254	2.12	4.15	1	1	1	1	2	2	
MC 460 x 77.2 (MC 18 x 51)	77.2 (51.9)	457	104	15.2	15.9	98.7	366	1.290	16.71	26090	1142	1463.0	16.30	72.6	611	73.2	159	2.49	49.4	116	276	2.10	3.83	1	1	1	1	1	1	1
MC 460 x 86 (MC 18 x 58)	86 (58)	457	107	17.8	15.9	110	375	1.300	15.09	27850	1219	1587.0	16.00	83.2	682	79.3	173	2.50	49.3	141	303	2.14	3.68	1	1	1	1	1	1	1