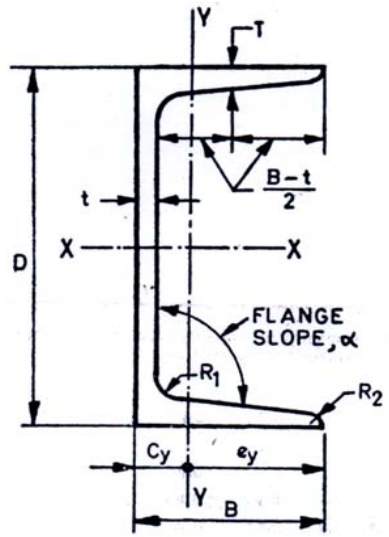
Nominal Dimensions, Mass and Sectional Properties of Hot Rolled Channel Sections (Sloping Flange)



Designation	Mass M Kg/m	Sectional area,a cm^2	Dimensions D mm	B mm	t mm	T mm	Flange Slope α deg	R_1 mm	R_2 mm	Sectional Properties C_y cm	I_x cm^4	I_y cm^4	r_x cm	r_y cm	Z_x cm^3	Z_y cm^3
MC 100	9.56	12.20	100	50	5.0	7.7	96.0	9.0	2.4	1.54	192.0	26.7	3.97	1.48	33.50	7.71
MC 125	13.10	16.70	125	65	5.3	8.2	96.0	9.5	2.4	1.95	425.0	61.1	5.05	1.91	68.10	13.40
MC 250	34.20	43.50	250	82	9.0	14.1	96.0	12.0	3.2	2.23	4080.0	244.0	9.68	2.37	326.00	40.90
MC 300	36.30	46.30	300	90	7.8	13.6	96.0	13.0	3.2	2.35	6420.0	313.0	11.80	2.60	428.00	47.10