

MS Channel Weight Chart 2026

Updated reference based on IS 808:2021 — Table 6, Medium Sloping-Flange Channels (MC)

Last Updated: September 18, 2026

Section	D (mm)	B (mm)	Web t (mm)	Flange T (mm)	Mass (kg/m)	Mass (kg/ft)
MC 75	75	40	4.8	7.5	7.14	2.176
MC 100	100	50	5.0	7.7	9.56	2.914
MC 125	125	65	5.3	8.2	13.10	3.993
MC 125*	125	66	6.0	8.1	13.70	4.176
MC 150	150	75	5.7	9.0	16.80	5.121
MC 150*	150	76	6.5	9.0	17.70	5.395
MC 175	175	75	6.0	10.2	19.60	5.975
MC 175*	175	76	7.5	10.2	22.70	6.919
MC 200	200	75	6.2	11.4	22.30	6.798
MC 200*	200	76	7.5	11.4	24.30	7.407
MC 225	225	80	6.5	12.4	26.10	7.956
MC 225*	225	82	9.0	12.4	30.70	9.357
MC 250	250	80	7.2	14.1	30.60	9.327
MC 250*	250	82	9.0	14.1	34.20	10.426
MC 250*	250	83	11.0	14.1	38.10	11.613
MC 300	300	90	7.8	13.6	36.30	11.067
MC 300*	300	92	10.0	13.6	41.50	12.649
MC 300*	300	93	12.0	13.6	46.20	14.082
MC 350	350	100	8.3	13.5	42.70	13.015
MC 400	400	100	8.8	15.3	50.10	15.274

*** Heavier alternatives:** Sections marked with * are heavier alternatives listed in the standard. Confirm the required designation and mass when placing an order.

MS Channel Weight Calculation & Notes

Weight conversion: Mass (kg/ft) = Mass (kg/m) ÷ 3.28084. For example, MC 200 at 22.30 kg/m is approximately 6.798 kg/ft.

Important: The values in this chart are standard reference masses. Actual supplied steel mass can vary within applicable manufacturing tolerances. For structural design, use the complete section properties and the applicable design code rather than weight alone.

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Reference: Bureau of Indian Standards (BIS), IS 808:2021, Fourth Revision, Table 6 — Dimensions, Mass and Sectional Properties of Sloping Flange Channels (Medium Channels).