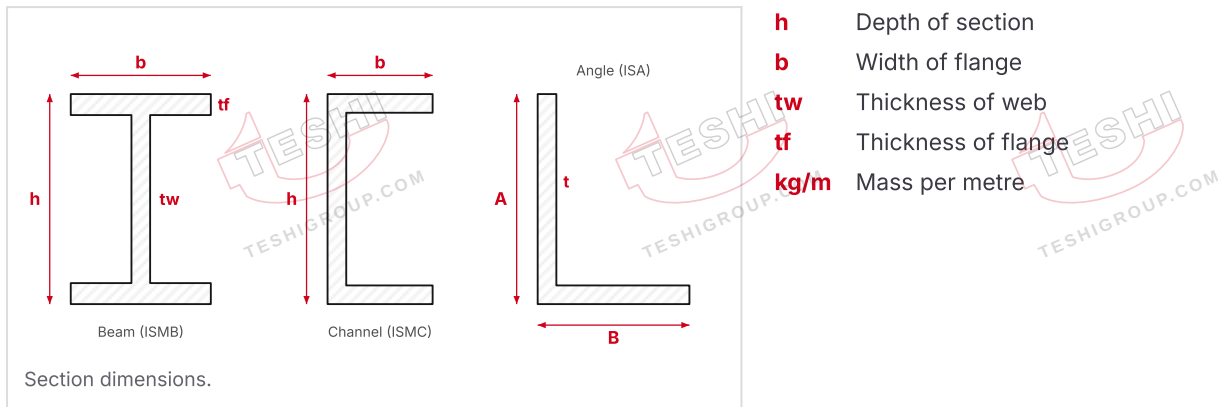


DIMENSIONAL STANDARD · IS 808

ISMC Channel Sizes and Weights — IS 808

Depth, flange width, thicknesses and mass per metre of ISMC 75 to ISMC 400.

Dimensions and mass of **ISMC sections** (Indian Standard medium-weight channels) to IS 808: depth, flange width, web and flange thickness, mass per metre and sectional area.



ISMC sections

Designation	h Depth, mm	b Flange width, mm	tw Web, mm	tf Flange, mm	Mass kg/m	Area cm ²
ISMC 75	75	40	4.8	7.5	7.14	9.1
ISMC 100	100	50	5.0	7.7	9.56	12.2
ISMC 125	125	65	5.3	8.1	13.1	16.7
ISMC 150	150	75	5.7	9.0	16.8	21.3
ISMC 175	175	75	6.0	10.2	19.6	24.9
ISMC 200	200	75	6.2	11.4	22.3	28.5
ISMC 225	225	80	6.5	12.4	26.1	33.3
ISMC 250	250	80	7.2	14.1	30.6	39.0
ISMC 300	300	90	7.8	13.6	36.3	46.3
ISMC 350	350	100	8.3	13.5	42.7	54.4
ISMC 400	400	100	8.8	15.3	50.1	63.8

Notes

- Values are those of IS 808:1989. Check against IS 808:2021 where the order specifies the current edition.
- Rolled sections are supplied to the rolling tolerances of IS 1852.

Reference information compiled from the published standard for convenience. It does not replace the current edition of the governing standard, which takes precedence. Verify critical dimensions and properties before design, purchase or fabrication. Teshi Engineers & Sales Promoters (P) Ltd accepts no liability for errors or omissions.

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