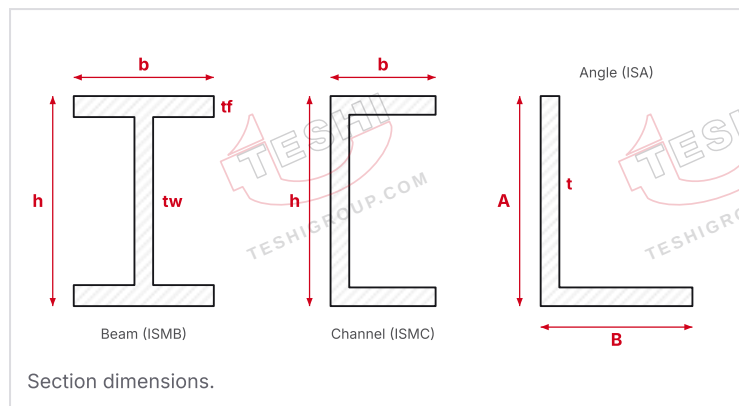


DIMENSIONAL STANDARD · IS 808

ISMB Beam Sizes and Weights — IS 808

Depth, flange width, web and flange thickness and mass per metre of ISMB 100 to ISMB 600.

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



h Depth of section
b Width of flange
tw Thickness of web
tf Thickness of flange
kg/m Mass per metre

ISMB sections

Designation	h Depth, mm	b Flange width, mm	tw Web, mm	tf Flange, mm	Mass kg/m	Area cm ²
ISMB 100	100	50	4.7	7.0	8.9	11.4
ISMB 125	125	70	5.0	8.0	13.3	17.0
ISMB 150	150	75	5.0	8.0	15.0	19.1
ISMB 175	175	85	5.8	9.0	19.6	25.0
ISMB 200	200	100	5.7	10.0	24.2	30.8
ISMB 225	225	110	6.5	11.8	31.1	39.7
ISMB 250	250	125	6.9	12.5	37.3	47.5
ISMB 300	300	140	7.7	13.1	46.0	58.6
ISMB 350	350	140	8.1	14.2	52.4	66.7
ISMB 400	400	140	8.9	16.0	61.5	78.4
ISMB 450	450	150	9.4	17.4	72.4	92.2
ISMB 500	500	180	10.2	17.2	86.9	111
ISMB 550	550	190	11.2	19.3	104	132
ISMB 600	600	210	12.0	20.3	123	156

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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