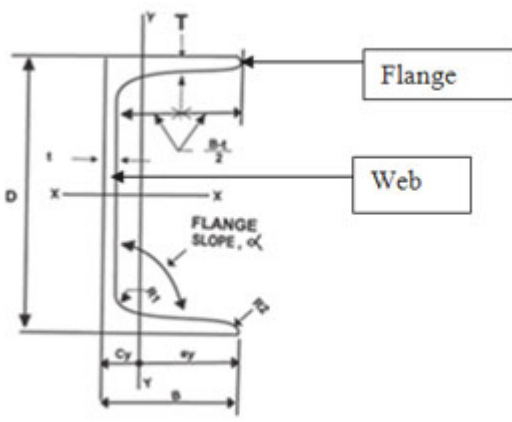
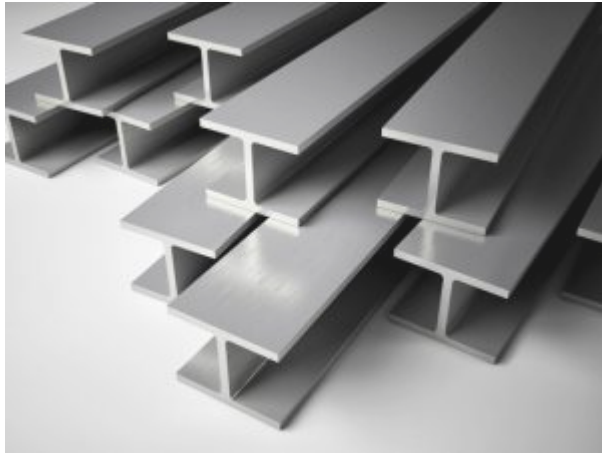


# M S CHANNEL

// M S CHANNEL



Following are the sizes of Channel

Size	Weight in Kgs.	Weight in Kgs.
in mm	Per Feet	Per Mtr.
75 x 40	2.172	7.126
100 x 50	2.925	9.597
125 x 65	3.992	13.098
150 x 75	5.120	16.799
175 x 75	5.973	19.597
200 x 75	6.796	22.298
250 x 80	9.326	30.599
300 x 90	11.063	36.298
400 x 100	15.270	50.300

Channel is represented by its Web height & Flange width of the channel.

For e.g. 200x75 channel means, the Web height = 200mm & Flange width = 75mm.

## THERE ARE PRIMARY & SECONDARY PRODUCERS

### Primary Producers:

Primary Producers are those who have fully integrated plants. That means the plants which have their own sources of Iron-ore, Blast furnace, Sponge iron plant, Power plant & Finished product plant.

### SAIL (Steel Authority of India Limited)

#### Bhilai Steel Plant

Dimensions	Sectional Weight	Length
mm	kg/m	m
75 x 40 x 4.8	7.14	10 to 12
100 x 50 x 5	9.56	
250 x 82 x 9	34.2	10 to 12
300 x 90 x 7.8	36.3	for all dimensions
400 x 100 x 8.8	50.1	

#### Durgapur Steel Plant

Dimensions	Sectional Weight	Length
mm	kg/m	m
125 x 65 x 5.3	13.1	10 to 11.5
125 x 66 x 6	13.7	for all dimensions
150 x 75 x 5.7	16.8	
150 x 76 x 6.5	17.7	
175 x 75 x 6	19.6	
200 x 75 x 6.2	22.3	
200 x 76 x 7.5	24.3	

### GRADES

Structurals are manufactured as per following grades in SAIL

Common Grades: IS 2062/1999 and SAILMA

Structurals are also available in the following foreign specifications

ASTM-A-36, JIS-G-3101-SS400, BS-4360 Grades

40A, 43A, 43B, 43C,

50B, 50C, EN-10025, Grades S-275 JO, JR, S-355 JO,

JR, DIN-17100 ST 37.2/44.2

### JINDAL

Sr. No.	Depth(mm) x Flange(mm) x Sectional Weight(kg/m)
1	ISMC 250 X 80 X 30.6
2	ISMC 250 X 82 X 34.2
3	ISMC 250 X 83 X 38.1
4	ISMC 250 X 83 X 38.1
5	ISMC 300 X 90 X 36.3
6	ISMC 300 X 92 X 41.5
7	ISMC 300 X 93 X 46.2
8	ISMC 400 X 100 X 50.1

### VIZAG (RINL - RASHTRIYA ISPAT NIGAM LIMITED)

Sr. No.	Side(mm) x Side(mm) x Thickness(mm)	Section Wt.(Kg/m)
1	MC *40 X 32 X 5	4.82
2	MC 75 X 40 X 4.8	7.14
3	MC 100 X 50 X 5	9.56
4	MC 125 X 65 X 5.3	13.1
5	MC 150 X 75 X 5.7	16.8

### GRADES

Sectional Properties as per

For Channels : IS :808 - 1989 / IS :3954 - 1981

Tolerance as per:

For Channels : IS :1852 - 1985 / IS :3954 - 1981

Grades as per :

For Channels : IS :2062 :E250 A - 2006