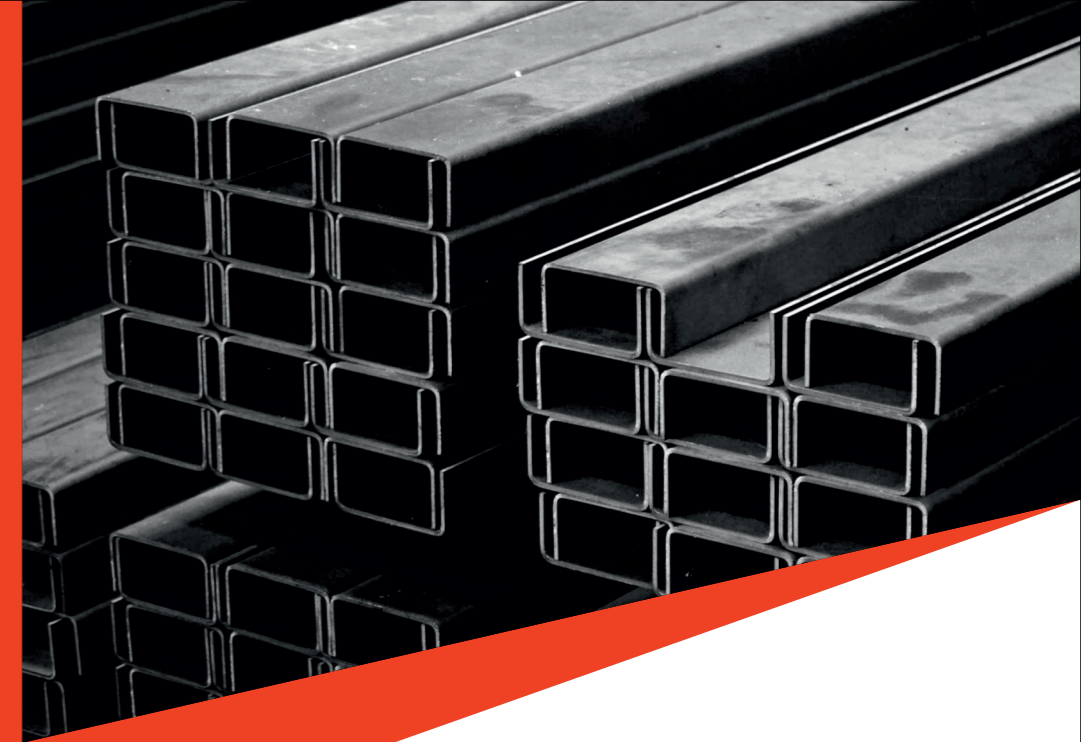


Columns

- Vertical structural component that provides crucial support in construction.
- Carry loads from a roof slab or ceiling as well as from a beam to a foundation or floor.

Application:

Support bridges, buildings, and related engineering projects as well as workplace platforms, factory shops, warehouses etc.



Beams

- Heavy-load-bearing structural steel product.
- Available in a variety of sizes and types.
- Geometry, size, and form determined by structure's requirements.

Application:

Critical support trusses, or main framework in constructions and buildings.



Channels

- Commonly referred to as C-channel, a member of structural steel family.
- Available in a variety of sizes and thicknesses.
- Structural strength, makes it perfect for bracing and building frames.

Application:

Used to make machine tracks and sliders, entrances, lintel above doors, pillars and supports for building corners, walls and railings, and have a variety of interior and outdoor applications.

JOISTS / BEAMS

Sr. No.	Size	Mass Kg/mtr	Sr. No.	Size	Mass Kg/mtr
1	MB 100 X 50	8.9	7	MB 300 X 140	46
2	MB 125 X 70	13.3	8	MB 350 X 140	52.4
3	MB 150 X 75	15	9	MB 400 X 140	61.5
4	MB 175 X 85	19.6	10	MB 450 X 150	72.4
5	MB 200 X 100	24.2	11	MB 500 X 180	86.9
6	MB 250 X 125	37.3	12	MB 600 X 210	123

H BEAM / RSJ POLE / COLUMNS

Sr. No.	Size	Mass Kg/mtr	Sr. No.	Size	Mass Kg/mtr
1	HB 100 X 116	20/23	4	HB 200 X 200	37.3
2	HB 150 X 150	27.1/ 30.6/ 34.6	5	HB 200 X 200	40
			6	HB 203 X 203	52
3	HB 152 X 152	37.1	7	WB 203 X 152	52

CHANNELS

Sr. No.	Size	Mass Kg/mtr	Sr. No.	Size	Mass Kg/mtr
1	MC 75 X 40	6/7.14	6	MC 200 X 75	22.3
2	MC 100 X 50	8.90/9.56	7	MC 250 X 82	34.2
3	MC 125 X 65	13.1	8	MC 300 X 90	36.3
4	MC 150 X 75	16.8	9	MC 400 X 100	50.1
5	MC 175 X 75	19.6			

Angles

- Popular structural material.
- Formed like a 'L'.
- Most common variety is a 90-degree angle.
- Available in a variety of sizes to suit specific end needs.

Application:

Widely utilized in construction of bridges, other basic to complex construction and engineering activities.

EQUAL ANGLES

Sr. No.	Size	Thickness mm	Mass Kg/mtr	Sr. No.	Size	Thickness mm	Mass Kg/mtr
1	ISA 35 X 35	4	2.1	32	ISA 100 X 100	12	17.7
2	ISA 35 X 35	5	2.6	33	ISA 110 X 110	8	13.4
3	ISA 35 X 35	6	3	34	ISA 110 X 110	10	16.6
4	ISA 40 X 40	4	2.4	35	ISA 110 X 110	12	19.7
5	ISA 40 X 40	5	3	36	ISA 110 X 110	15	24.2
6	ISA 40 X 40	6	3.5	37	ISA 120 X 120	8	14.7
7	ISA 45 X 45	4	2.7	38	ISA 120 X 120	10	18.2
8	ISA 45 X 45	5	3.4	39	ISA 120 X 120	12	21.6
9	ISA 45 X 45	6	4	40	ISA 120 X 120	15	26.6
10	ISA 50 X 50	4	3	41	ISA 130 X 130	8	15.9
11	ISA 50 X 50	5	3.8	42	ISA 130 X 130	10	19.7
12	ISA 50 X 50	6	4.5	43	ISA 130 X 130	12	23.5
13	ISA 65 X 65	5	4.9	44	ISA 130 X 130	15	28.9
14	ISA 65 X 65	6	5.8	45	ISA 130 X 130	16	30.7
15	ISA 65 X 65	8	7.7	46	ISA 150 X 150	10	22.9
16	ISA 65 X 65	10	9.4	47	ISA 150 X 150	12	27.3
17	ISA 75 X 75	5	5.7	48	ISA 150 X 150	14	31.55
18	ISA 75 X 75	6	6.8	49	ISA 150 X 150	15	33.8
19	ISA 75 X 75	8	8.9	50	ISA 150 X 150	16	35.8
20	ISA 75 X 75	10	11	51	ISA 150 X 150	18	40.1
21	ISA 80 X 80	6	7.3	52	ISA 150 X 150	20	44.1
22	ISA 80 X 80	8	9.6	53	ISA 200 X 200	10	30.8
23	ISA 80 X 80	10	11.8	54	ISA 200 X 200	12	36.9
24	ISA 80 X 80	12	14	55	ISA 200 X 200	16	48.5
25	ISA 90 X 90	6	8.2	56	ISA 200 X 200	20	60
26	ISA 90 X 90	8	10.8	57	ISA 200 X 200	25	73.9
27	ISA 90 X 90	10	13.4	58	ISA 250 X 250	25	93.75
28	ISA 90 X 90	12	15.8	59	ISA 250 X 250	32	120
29	ISA 100 X 100	6	9.2	60	ISA 250 X 250	35	131.25
30	ISA 100 X 100	8	12.1	61	ISA 250 X 250	40	150
31	ISA 100 X 100	10	14.9				

UNEQUAL ANGLES

Sr. No.	Size	Sr. No.	Size
1	45 X 30 mm to 3 to 6 mm	5	125 X 75 mm 5 to 10 mm
2	75 X 50 mm to 6 to 10 mm	6	150 X 75 mm 8 to 12 mm
3	90 X 60 mm 6 to 12 mm	7	150 X 90 mm 8 to 12 mm
4	100 X 75 mm 6 to 12 mm	8	150 X 115 mm 8 to 12 mm

Stecol International Private Limited (SIPL) is in the business of TMT bars, Stainless Steel and Structural Steel (Beams, Channels, Columns & Angles). With presence in Maharashtra, Gujarat, Telangana, Chhattisgarh and Madhya Pradesh and various other states of India, it plans to expand to other regions and have a pan-India reach.

MATERIAL SPECIFICATION

Products	Material Acc to	Specification tolerances	Dimensions &
Beams & Joists / Channels / Angles	IS 2062	IS 808	IS 1852

- EN standard tolerances meeting EN10034, EN10056 & material as per EN10025-2 can be offered on case to case basis and on mutual agreement.
- Some of the other sizes which are not listed in the brochure depending on project requirements can also be sourced to provide complete solution to the client.



Stecol International Private Ltd

Essar House, 14th Floor, 11, K K Marg, Mahalaxmi, Mumbai 400034
T +91 22 6660 1100 F +91 22 6660 9435

Contact us ✉ Structural@stecol.co.in

Mr. Sunil Sharma ☎ +91 9811454273 ✉ Sunil.Sharma@stecol.co.in
Mr. Hemant Chauhan ☎ +91 8668371487 ✉ Hemant.Chauhan@stecol.co.in



Premium Quality Structural Steel

