

Jyoti Channel



An ideal product for railway electrification structures, frames and braces used for machinery, enclosure, vehicle, building and structural support applications. Channels are manufactured under strict supervision undergoing various chemical and mechanical tests. Every piece is furnished with superior accuracy of weight, length and thickness, irrespective of the fact that it is a conventional size or a custom product. Jyoti channels offers various characteristics to make it suitable for use in various industrial segments and as a support structure .

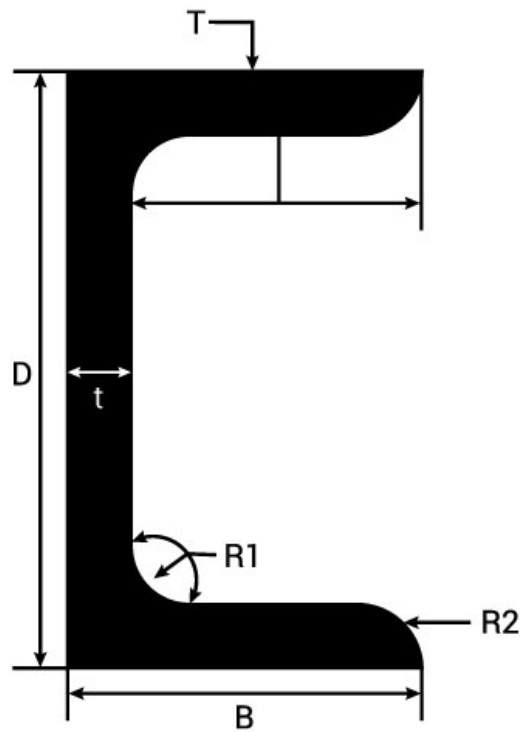
Key features:

- Long lasting
- ISO 2062 certified
- Superior dimensional perfection
- Wide product range: 75mm to 300mm
- 100% welding capability
- High strength
- Weight accuracy
- Close dimensional tolerances
- Machinable
- Formable
- Mild to high tensile strength



Product Parameter:

Section (mm)	Weight (Kg/MTR)	Depth(D)	Width of Flange (B)	Web Thick (t)	Toe Thick (T)	Flange (Angle)	Radius (R1)	Radius (R2)
MC-75	7.14±2.5%	75±2.5	40±2	4.8	7.5	96	8.5	2.4
MC-100	9.46±2.5%	100±2.5	50±2	5.0	7.7	96	9.0	2.4
MC-125	13.1±2.5%	125±2.5	65±2	5.3	8.2	96	9.5	2.4
MC-150	16.8±2.5%	150±2.5	75±2	5.7	9	96	10	2.4
MC-200	22.3±2.5%	200±2.5	75±2	6.2	11.4	96	11	3.2
MC-250	34.2±2.5%	250±2.5	82±2	9.0	14.1	96	12	3.2
MC-300	36.3±2.5%	300±3	90±2	7.8	13.6	96	13	3.2



Other Jyoti Products

Jyoti Angle



Jyoti Beam



Custom Products



Applications



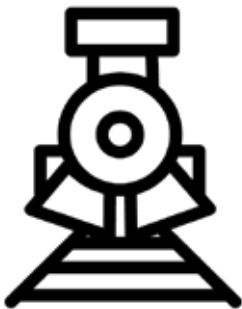
Transmission

Madhav Stelco holds approvals and certifications needed as per the industry's standards. The company supplies a large share of sections to be used in transmission lines and grids across India. To optimize its operation, the company has adopted leading edge technologies, efficiency processes and world best practices in project execution and management. We approved suppliers for PGCIL and many SEB's.



Infrastructure

With the rising industrialization, urbanization and innovation, steel products from Madhav Stelco are extensively being used in every sector. Construction, industrial sheds, infrastructure are some of the key areas where our products and services are streamlined and customised to fit every need of the projects. Our innovative solutions, robust performance and a range of comprehensive services has opened doors for all kinds of customers needs.



Railway

Madhav Stelco, where continuous innovation is a practice rather than an exception, is proud to produce various sections for Indian railways. The sections can be supplied in a customized finish and also offers facility for transporting them to the construction sites. The company's products are subjected to stringent quality norms and manufacturing plant is equipped with state-of-the-art facilities that aid continuous on-line inspection and quality control, helping to adhere to specifications laid down by the Indian Railways and other international organizations. We are approved by CORE, NORTHERN RAILWAYS etc.



Solar

With the world shifting its focus towards renewable energy sources and solar being one of the most sought after source, innovation towards the sector has increased many folds. Madhav Stelco is proud to be part of this change and contributing towards a better and sustainable future. Our core values include that we should not exploit our planet and uplift the society with our progress. Our products which are accurate and economic, are used widely in construction of solar power plants.



Automobile

One of the largest industries and key sectors, of which steel is an intrinsic part. We partner with our customers to develop stronger, lighter steel materials that help drive the industry forward. We leverage our expertise in areas of materials, design, engineering and manufacturing process in order to meet and exceed the expectations of the automakers.

Contact us

If you have any kind of steel products requirement, our specialised and well trained executive will gladly assist you to materialize your needs in the most timely and effective manner. Feel free to contact us.

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