



Committed to Serve Quality

JINDAL TMT 500

Introducing



WORLD CLASS STEEL PRODUCT

MADE BY PURE STEEL



CHEMICAL COMPOSITION

TEST	UNIT	MANDATORY AS PER IS:1786-2008 Fe 500	MANDATORY AS PER IS: 1786-2008 Fe-500D	JINDAL TMT 500 D
GRADE				
CARBON	%	030 Max.	025 Max.	20-25%
SULPHUR	%	0055 Max.	004 Max.	0.03%-0.04%
PHOSPHORUS	%	0 055 Max.	004 Max.	0.03%-0.04%
S+P	%	0105 Max.	0.075 Max.	0.070 Max.
CARBON EQUIVALENT.	%	0.42 Max.	0.42 Max.	0.40 Max.

MECHANICAL PROPERTIES

TEST	UNIT	MANDATORY AS PER IS:1786-2008 Fe 500	MANDATORY AS PER IS: 1786-2008 Fe-500D	MANDATORY AS PER IS: 1786-2008 Fe-500D
GRADE				
YIELD STRESS	N _s /mm ²	500 Mn	500 Mn,	500 Mn,
TENSILE STRENGTH	N/min ²	8% more than the actual YS but not less than 545	10% more than the actual YS but not less than 565	10% more than the actual YS but not less than 565
ELONGATION	%	12 Min.	16 Min.	16 Min.
UNIFORM ELONGATION	%	5.0 Min.	5.0 Min.	5.0 Min.
BEND TEST		Up to 20 mm-4D Over 20 mm-5D	Up to 20 mm-3D Over 20 mm-4D	Up to 20 mm-3D Over 20 mm-4D
REBEND TEST		Up to 10 mm-5D Over 10 mm7D	Up to 10mm-4D Over 10 mm-6D	Up to 10mm-4D Over 10 mm-6D



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A Product by

JINDAL ROLLING MILLS LTD.

Manufacturing Unit : 9 K.M. Stone, O.P. Jindal Marg, New Delhi Road, Hissar-125006, (HR)



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**WORLD CLASS STEEL PRODUCT
MADE BY PURE STEEL**



INFRASTRUCTURE



COMMERCIAL



HOUSING



SHUDHATA KA WADA



COMMITTED TO SERVE QUALITY

PRODUCING INTERNATIONAL STANDARD STEEL

JINDAL TMT 500

Chairman's Note



I Yograj Jindal proud to introduce our company Jindal Rolling Mills Ltd. as a leading steel company in India. We have positioned ourselves firmly in the steel sector. With experience of about three decades, we have grown into an integrated steel company offering premium range of high quality products.

We focus on complete customer satisfaction and thereby never compromise with product standards. Our streamlined production along with extensive quality control enables us to offer high quality steel products. We pursue our responsibility with dedication, sincerity and determination and rely on innovation and research to keep our promises true, and let the customers experience be a delightful association with us.



Vision

The -Aim set by the visionaries of Jindal Rolling Mills Ltd. was to earn due respect in the steel industry by serving with complete integrity and loyalty towards their clientele.

The Company has been mounting success levels, in the highly competitive global market and supply chain, with the unchanged vision of providing good quality and standardized products at competitive prices. It has, in return attained complete customer satisfaction.

The company aims at establishing itself in the steel industry as the supplier of choice for its clients, and to achieve the pinnacle of success in the industry.

We have set our eyes on decentralization of the current production base by undertaking strategic alliances: i.e. tie-ups and acquisitions of unorganized and small sized manufacturing units mushrooming all over the country and getting all of them under our own umbrella through technical up gradation implementation of Quality Management System and effective distribution through the innovative Stockyard Model.

In the list of top priority is the brand positioning of the products under the JINDAL TMT 500 brand name. Stress has been laid upon the publicity and advertising methods to create a better recall of the brand and products. The brand has now been positioned as "Best Quality at Best Price".

Group Profile

When it comes to talking about steel. The first name that comes in one's mind is "JINDAL". Jindal is a name that needs no introduction; it is well above all formal introductions. But just to recap; JINDAL is entered in the steel business by trading steel pipes in a village in Haryana in 1952, then soon after started manufacturing steel pipes, sockets and bends in West Bengal and within a decade had multiple units throughout India manufacturing various steel products.

Jindal Rolling Mills Ltd. is a steel manufacturing unit est. in 1987 in Hisar, Haryana by Mr. Yograj Jindal (CMD), a young entrepreneur, son of a visionary Sh. Madan Lal Jindal, with the support of a highly qualified managerial team that is committed to total customer satisfaction. Jindal Rolling Mills Ltd. runs with a fully automatic and most modern unit. We are a leading manufacturer and supplier of Structural steel and Reinforcement Bars. Through a futuristic approach and sharp business expertise, we are now exploring new areas of growth. The base of our business heritage continues to be based on quality, reputation, customer service and performance. We aim to understand our client's requirement to lead to a never-ending relationship. This has become possible due to our consistent performance and client centric approach such as customized solution, maintaining quality and easy payment modes.

We are backed by a world-class infrastructure, wherein; we manufacture the finest quality of the products as per international quality norms. The innovative approach taken by our employees lead us in creating a strong business relationship with our clients.

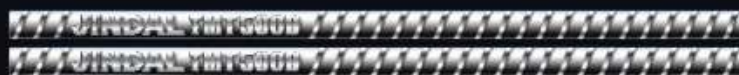




Jindal Bars has always been a front-runner in the construction segment as far as technological advancements are concerned. With many firsts under its umbrella, Jindal appetite for innovation has given construction industry numerous path reaking inventions.

Jindal TMT 500D

Its latest innovation 500D is a technological advancement that re-writes the standards of construction. Developed keeping in mind the essentials of earthquake resistant construction Jindal TMT Bars 500D is the answer to all your needs. Jindal TMT Bars 500D is totally Sulphur and Phosphorus controlled and purified to the latest quality standards to give your construction the extra strength to withhold under extreme hot and cold weather conditions. Sulphur and Phosphorus are the harmful impurities that make a rebar vulnerable to cracking. Jindal TMT Bars 500D reduces the combined level of these impurities up to 0.075% as per the latest BIS specifications. Therefore, Jindal TMT Bars 500D is many times better and absolutely reliable than other rebars available in the market. With Jindal TMT Bars 500D comes a promise of strength, stability and standard for every company or individual involved in the process of construction.



FEATURES & ADVANTAGE OF JINDAL TMT

HIGHER STRENGTH



- **Higher Strength:** Only pure steel billets are used in Jindal TMT. The raw material is chosen specifically for its high Manganese content, as well as lower Sulphur and Phosphorus content.

MORE DUCTILITY



- **More Ductility:** Jindal TMT bars offer excellent ductility due to strict control over aspects like chemical composition and temperature of online production processes.

BETTER BENDING



- **Better Bending :** Superior bendability and easier work ability are made possible with the unique combination of a tough outer core and softer inner core.

INCREASED



WELDABILITY

- **Increased Weldability:** Jindal TMT bars are ideal for both lap and butt welding. Their low carbon content ensures optimal strength of the welded joints, without requiring any additional pre- and post-welding treatment.

CORROSION



RESISTANT

- **Corrosion Resistant:** Thanks to their Pine and uniform micro structure, Jindal TMT bars do not corrode even when embedded in concrete. This is also because flawless manufacturing ensures that there are no residual torsion stresses in the bars.

FIRE RESISTANT



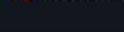
- **Fire Resistant:** Even at temperatures touching 600 degrees Celsius, Jindal TMT bars display excellent strength and resilience. These qualities act as a safety shield against fire hazards.

FATIGUE RESISTANT



- **Fatigue Resistant:** Fatigue in TMT bars begins with accumulation of stress at the root of its ribs, which leads to 'weakness'. Since Jindal TMT bars are made with accurate uniformed ribs for inherent strength of surface layer that makes Jindal TMT high fatigue resistant bars.

BETTER ECONOMY



PHYSICAL PROPERTIES

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CARBON	%	0.30 Max.	0.25 Max.	20-25%
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PHOSPHORUS	%	0.055 Max.	0.04 Max.	0.03%-0.04%
S+P	%	0.105 Max.	0.075 Max.	0.070 Max.
CARBON EQUIVALENT	%	0.42 Max.	0.42 Max.	0.40 Max.

QUALITY ASSURANCE

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QUALITY IMPLEMENTATION

We are dedicated to deliver the best Quality products and lay strong emphasis on our Quality Policy & Quality Management. We have several levels of checks and the following help us meet our consumers satisfaction: -

- Strict adherence to sampling & testing of steel chemistry
- Detailed sampling of finished products
- Rolling in negative tolerance
- Ensuring timely dispatches to the customer
- Advanced products through technological upgrades
- Strict cost cutting in processes to deliver value to the customer
- High team motivation to meet the company's vision
- Strict adherence to ISI standards & procedures

In our Organization quality and excellence are not corporate slogans to increase business and profits, but an essential part of our very being.

To ensure originality, we stamp our logo "JINDAL TMT 500" on every meter of saria, and a Blue "JINDAL TMT 500" strip on every bundle proves the genuineness of JINDAL Saria. So watch out for these two things while purchasing.



MARKETING NETWORK

OUR TEAM

Our team is a huge asset to our organization that enables us in meeting the bulk demand of clients within a committed time frame. We have a team of dexterous professionals that include mechanical, civil, electrical & chemical engineers, chartered accountants & administrative heads, procurement agents, quality checkers, sales and marketing executives.

These professionals work round the clock and enable us in providing high quality products. We also conduct various seminars and training sessions that help our team members to keep themselves abreast with industry enhancements.

Our priority at the Jindal group is to satisfy our clientele with quality, precision and efficiency.



Exists

Upcoming

MARKETING NETWORK:

The company has a very strong and committed network of Dealers, consisting of nearly 300 retail outlets spread all over India. For our clients convenience we have collaborated with various steel plants in North India where high volumes of stock is maintained so as to provide faster and timely deliveries.

Jindal Rolling Mills Ltd. has also incorporated the new Franchisee Model, which helps small Steel rolling mills to be a part of this organization. By opting for this model, the companies get to help in technology transfer/up gradation of their facilities for better productivity levels. And also enables the decentralization of company stocks.



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