

JSPL STEEL

TRUSTED NAME - TRUSTED QUALITY

TRUST MAKES THE BOND STRONGER



CORPORATE
BROCHURE



About Us

Building Strength - Delivering Trust

With a vision to support India's growing infrastructure, we are committed to delivering premium-quality TMT bars that redefine strength, safety, and reliability in modern construction. We believe that every structure — whether a dream home, commercial project, or large-scale infrastructure development - deserves a foundation built to last for generations.

Driven by innovation and guided by uncompromising quality standards, our TMT bars are manufactured using advanced technology and precision-controlled processes to ensure superior strength, flexibility, weldability, and corrosion resistance. Every product is engineered to perform under demanding conditions and provide enhanced structural stability and long-term durability.

Over the years, we have built a strong reputation through consistency, transparency, and customer trust. Our growing network across Eastern and North-East India enables us to efficiently serve builders, contractors, engineers, architects, dealers, distributors, and homeowners with dependable supply and reliable service.

At the heart of our company lies a commitment to excellence - not only in the products we manufacture but also in the relationships we build. We continuously strive to raise industry standards by combining technical expertise, customer-centric practices, and a passion for delivering value at every stage.



Our Mission

To manufacture high-quality TMT bars that ensure strength, safety, and durability for every construction project. We are committed to innovation, customer satisfaction, and sustainable manufacturing practices.



Our Vision

To become a trusted leader in the steel industry by delivering world-class TMT solutions that build stronger infrastructure and a better future. We aim to set new benchmarks in quality, reliability, and growth.



Our TMT Bars are Designed to Offer

- High tensile strength for superior load-bearing capacity
- High Fire Resistance
- Excellent ductility for better earthquake resistance
- Enhanced corrosion resistance for longer structural life
- Strong bonding with concrete for added stability
- Consistent quality that meets modern construction standards

We understand that steel is more than just a construction material - it is the backbone of every safe and enduring structure. That is why we remain dedicated to providing solutions that inspire confidence and create stronger foundations for the future.

Because when the foundation is strong, everything built upon it stands stronger.

Strength in Every Bar, Trust in Every Build



High Tensile
Strength



Enhanced
Bendability



Easy Welding
Capability



Earthquake
Resistance



Anti Corrosion
Properties



Superior
Flexibility



Extreme Heat
Resistance



Superior
RIB Design



More than just steel, **JSPL 550 SD** TMT Bar is the strength behind ambitions and the foundation of stronger futures. Engineered with advanced technology for superior strength, durability, and resilience, **JSPL 550 SD** TMT Bar delivers the confidence needed to build safer, stronger, and longer-lasting structures. With dependable quality, high ductility, and trusted performance, it stands as a preferred choice for modern construction.



Mechanical Properties of **JSPL 550 SD**

Mechanical Properties	IS 1786: 2008	IS 1786: 2008	IS 13920: 2016	JSPL
	Fe 550	Fe 550D	Fe 550	Fe 550 SD
Min. YS (Mpa)	550	550	550	580*
Max. YS (Mpa)	N.S.	N.S.	660	680*
Min. UTS (Mpa)	6% Higher than YS but nor less than 585 Mpa	8% Higher than YS but nor less than 600 Mpa	N.S.	15% Higher than YS but nor less than 655 Mpa
Min. UTS/YS Ratio	1.06	1.08	1.15	1.10
Max. UTS/YS Ratio	N.S.	N.S.	1.25	1.15
Min Total Elongation (%)	10.0	14.5	14.5	15.0
Min Total Elongation at Max Force (%)	N.S.	5.0	N.S.	5.0

Chemical Properties of **JSPL 550 SD**

	IS1786 : 2008 Fe 550 D	JSPL
Chemical Composition	Spec	Fe 550 SD
% Carbon, Max	0.25	0.25
% Sulphur, Max	0.04	0.035
% Phosphorus, Max	0.04	0.035
% (S+P), Max	0.075	0.070
% Carbon Equivalent, Max	0.61	0.61

JEENDAL SUPER

550 SD

When strength meets trust, you get **JEENDAL SUPER 550 SD** TMT Bar. Built for performance, durability, and reliability, **JEENDAL SUPER 550 SD** TMT Bars are designed to withstand heavy loads, seismic stress, and demanding conditions. From homes to landmark infrastructures, they offer superior bonding, lasting protection, and the confidence to create structures that stand strong for generations.



Mechanical Properties of **JEENDAL SUPER 550 SD**

Mechanical Properties	IS 1786: 2008	IS 1786: 2008	IS 13920: 2016	JEENDAL SUPER
	Fe 550	Fe 550D	Fe 550	Fe 550 SD
Min. YS (Mpa)	550	550	550	570
Max. YS (Mpa)	N.S.	N.S.	660	670
Min. UTS (Mpa)	6% Higher than YS but nor less than 585 Mpa	8% Higher than YS but nor less than 600 Mpa	N.S.	15% Higher than YS but nor less than 655 Mpa
Min. UTS/YS Ratio	1.06	1.08	1.15	1.10
Max. UTS/YS Ratio	N.S.	N.S.	1.25	1.15
Min Total Elongation (%)	10.0	14.5	14.5	15.0
Min Total Elongation at Max Force (%)	N.S.	5.0	N.S.	5.0

Chemical Properties of **JEENDAL SUPER 550 SD**

	IS1786 : 2008 Fe 550 D	JEENDAL SUPER
Chemical Composition	Spec	Fe 550 SD
% Carbon, Max	0.25	0.25
% Sulphur, Max	0.04	0.035
% Phosphorus, Max	0.04	0.035
% (S+P), Max	0.075	0.070
% Carbon Equivalent, Max	0.61	0.62



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TRUSTED NAME - TRUSTED QUALITY

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