



# Strengthening Landmarks for Generations



# The Backbone of Shri Krushna TMT - Rohit Steels Pvt Ltd

Shri Krushna TMT is a flagship product of Rohit Steels Pvt Ltd, now led by its third generation of steel experts.

Founded in 1985 by Raman Kumar Gupta and Vijay Kumar Gupta, the company became Pvt. Ltd. in 1989 under second-generation leaders Rohit Kumar Gupta and Param Kumar Gupta.

Today, third-generation entrepreneur Raahil Gupta serves as Managing Director alongside Rohit Gupta and Param Gupta.

With 40+ years of strategic management, monitoring, and stocking excellence, they ensure seamless project execution for customers while aiming to expand Shri Krushna TMT across India.

## About Shri Krushna TMT

Shri Krushna TMT offers both Fe550 and Fe550D grade TMT bars, precision-engineered for demanding sites. Fe550 delivers maximum load capacity while Fe550D matches it with superior earthquake performance.

From high-rises to homes, our bars provide reliable backbone to builders.

Being an engineer's most picked choice, we have been the leading manufacturer of TMT bars for over 40 years. Infrastructures need skeletons that don't crack under pressure. Shri Krushna TMT delivers complete reinforcement solutions, without compromising on quality and strength.

### Vision

To become India's leading TMT brand, recognized for engineering excellence, earthquake resistance, and enduring durability by building safer communities through every Shri Krushna bar.

### Mission

To provide superior-quality TMT bars that ensure the strength and safety of every construction project across India. From our Telangana base, we empower builders and engineers with reliable supply, consistent performance, and exceptional value.

From over 40 years we have:



Supplied 1M+ tons



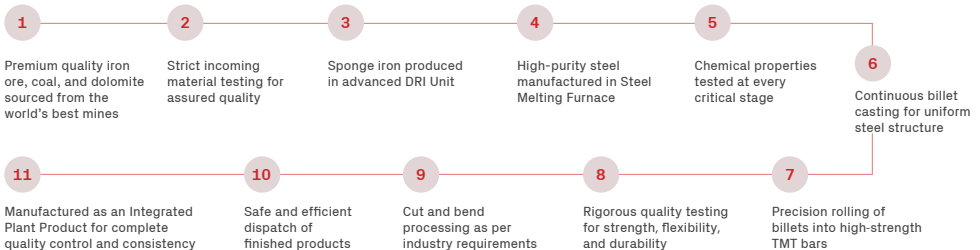
Served 3000+ Indian clients



Streamlined in-house quality inspection

## Our Manufacturing Process

Our TMT bars are manufactured through integrated plants.



**Result: Integrated Plant TMT Bars that bend without breaking, grip without slipping.**

## LRF technology

Shri Krishna TMT uses Ladle Refining Furnace (LRF) technology to ensure uniform strength and superior ductility along the entire length of the bar, minimising weak spots and enhancing structural reliability.

## Engineered Through LRF Technology

At Shri Krishna TMT, we use advanced LRF (Ladle Refining Furnace) technology to ensure precise control over the chemical composition and temperature of steel.

This enables us to manufacture high-quality TMT bars with superior strength, better ductility, enhanced weldability, and consistent performance for reliable construction.

1. Ensures superior purity and consistency in steel composition
2. Reduces impurities like sulphur and phosphorus for better strength
3. Provides uniform mechanical properties across every TMT bar
4. Improves structural reliability for long-lasting construction
5. Enables production of high-strength, earthquake-resistant TMT bars



## Fe-550 TMT Bars – Technical & Chemical Properties

### A) Fe-550 TMT Bars – Mechanical Properties

Factors	Values
Grade of Steel:	Fe-550
0.2% Proof Stress:	550 N/mm <sup>2</sup>
Actual Yield Stress:	578–582 N/mm <sup>2</sup>
Tensile Strength:	689–691 N/mm <sup>2</sup>
Tensile Strength / Yield Strength Ratio:	1.18–1.19
Elongation:	19.1% – 23.1%
Bend Test:	OK
Rebend Test:	OK

### B) Fe-550 TMT Bars – Chemical Properties

Factors	Values
Carbon (C):	0.18% – 0.21%
Sulphur (S):	0.034% – 0.036%
Phosphorus (P):	0.040% – 0.042%
Sulphur + Phosphorus (S+P):	0.076% – 0.077%
Carbon Equivalent (CEQ):	0.27 – 0.30

# Fe-550D TMT Bars – Technical & Chemical Properties

## A) Fe-550D TMT Bars – Mechanical Properties

Factors	Values
Grade of Steel:	Fe-550D
Actual Yield Stress:	561–591 N/mm <sup>2</sup>
Tensile Strength:	635–700 N/mm <sup>2</sup>
Tensile Strength / Yield Strength Ratio:	1.132–1.205
Elongation:	20% – 23%
Bend Test:	OK
Rebend Test:	OK

## B) Fe-550D TMT Bars – Chemical Properties

Factors	Values
Carbon (C):	0.21% – 0.25%
Sulphur (S):	0.012% – 0.036%
Phosphorus (P):	0.019% – 0.033%
Sulphur + Phosphorus (S+P):	0.038% – 0.067%
Carbon Equivalent (CEQ):	0.31 – 0.41

## Key Differences Between Shri Krishna TMT vs Other TMT Bars

Factors	Shri Krishna TMT	Other TMT Bars
Consistent Quality	Manufactured in our own plant	Supplier variability risks
Guaranteed Availability	Timely production to meet demand	Stockouts during peak demand
Fe550/Fe550D Choice	Both grades precision-controlled	Grade mixing common

## Services Provided By Shri Krishna TMT

- Cut-to-Length:** Precise cutting to your exact specifications
- Bar Straightening:** Perfectly straight bars from coils or bent stock.
- Bundling & Tagging:** Custom bundles with project labeling.
- Bulk Project Supply:** Dedicated coordinators for large contracts.
- Project Planning:** Material takeoff and quantity estimation.
- Competitive Sourcing:** Best rates across size/grade combinations.





**SHRI KRUSHNA TMT**

*Strength Behind Every Structure*



## Contact Details

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