

 *your trusted iron ore partner*

VAJRAM TMT[®]

ULTRA TENSILE STEEL BARS



IS 1786:2008
CM/L-6917285



EARTHQUAKE
RESISTANCE



CORPORATE
BROCHURE

VAJRAM TMT
Fe550

We, The Pioneers.

VAJRAM TMT stands as the preferred option for structural engineers seeking the finest construction steel in Kerala. Our unwavering dedication to exploring cutting-edge technologies and conducting intensive in-house research and development positions us as one of the most cost-efficient steel producers in Kerala.

Pioneering the Integrated Rolling Technology, an innovative and eco-friendly manufacturing system, **VAJRAM TMT** ensures the production of high-quality steel.

The exceptional design, engineering, and quality manufacturing process employed by **VAJRAM TMT** provide steel bars with the optimal strength and flexibility required in today's dynamic construction industry.

Vajram TMT Bar embodies a heritage of resilience capable of enduring diverse weather conditions, offering a robust and enduring foundation for your construction endeavors.

Our goal is to establish a standard of excellence in quality and foster an environment that supports the growth of employees, customers, and other stakeholders.

We are dedicated to enhancing competitiveness and delivering world-class products to our customers. Fostering a work culture that promotes learning, individual growth, team spirit, and creativity is crucial for overcoming challenges and achieving our ultimate objectives.

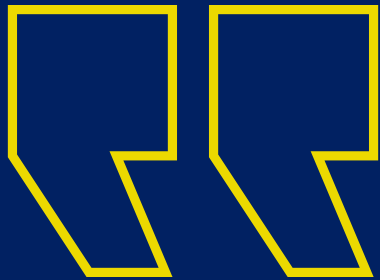
Upholding the highest corporate standards is integral to our values, and we also aim to actively contribute to India's economic growth as a proactive partner in nation-building.





The Creator

Anas Kunderi



We at **VAJRAM TMT**, are committed to meeting customer requirements through product and process innovations, exceptional service and by delivering superior quality and responsiveness through a commitment to continuous improvement in our business activities.

Ours is a business guided by strong will and a strong work ethic that strives to achieve maximum customer satisfaction. Guided by a philosophy to produce safe and sustainable steel, VAJRAM TMT is a pioneer in quality production of steel. By providing the best TMT steel to all of our clients, we deliver our promise.

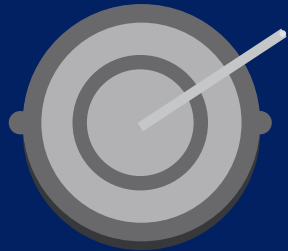
Ultra Tensile Steel Bars

Using the latest German innovation in steel technology, VAJRAM TMT manufactures high strength TMT Bars through the use of quenching, self-tempering and atmospheric cooling.

The bar comes strapped with extra toughness, high yield tension and elongation, the ability to weld, ductility; VAJRAM TMT bars have been made without compromising on strength and ductility and provide longer life for the building.

The rigor of VAJRAM TMT steel's quality assurance is:

- Amplified strength combined with high ductility
- Excellent weldability without loss of strength at welded joints
- Better ductility and malleability
- Earthquake resistant
- High thermal resistance
- Significant savings in cost of steel



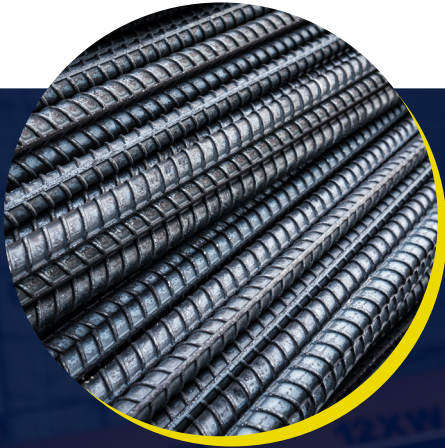
3 Layer quality

- Heat resistance
- Earthquake resistance
- Load bearing quality

VAJRAM TMT
Fe550



Our Products



TMT Steel Bars



TMT Stirrups



Winding Wires

Available sizes



6 mm



8 mm



10 mm



12 mm



16 mm



20 mm



25 mm



32 mm



BIS Specification For Chemical Properties

ELEMENTS	UNIT	IS 1786.2008	VAJRAM TMT
		FE 550	FE 550
CARBON	%	0.30 max	0.25 max
SULPHUR	%	0.055 max	0.045 max
PHOSPHORUS	%	0.055 max	0.045 max
SULPHUR & PHOSPHORUS	%	0.100 max	0.90 max
MANGANESE	%	--	0.60 min
CARBON EQUIVALENT	%	--	0.45 max

BIS Specification For Mechanical Properties

ELEMENTS	UNIT	IS 1786.2008	VAJRAM TMT
		FE 550	FE 550
YIELD STRESS - YS	(N/MM2)	550 min	560 min
ULTIMATE TENSILE STRESS UTS	(N/MM3)	585 min	640 min
UTS / YS	RATIO	1.06 min	1.12 min
ELONGATION	%	10 min	12 min
TOTAL ELONGATION	%	--	--



Standards We Set. Others Follow.

Crafting Quality, Delivering Worldwide



We've successfully shipped our TMT bars to New Zealand, with numerous more shipments on the horizon!



..and Continuing our Legacy of Excellence & Trust!



Mr. Anas Kunderi (CMD Vajram TMT)
receives Most Reliable TMT Brand of the year award.



Mr. Sudheer Mangalassery (GM Vajram TMT)
receives Kerala's First SPARSH excellence award.

VAJRAM TMT[®]

ULTRA TENSILE STEEL BARS

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