



Shree Ji Steel Private Limited

(Formerly Shree Ji Steel Corporation)

Trusted Source of Steel Solution

VIZAG TMT BAR





Shree Ji Steel Private Limited

Shree Ji Steel Private Limited, formerly known as Shree Ji Steel Corporation, is an ISO-certified company and a leading trader and exporter in India's steel industry. With a legacy spanning 4 generations, we take pride in offering a diverse range of high-quality iron and steel products, upholding our tradition of excellence. We offer PAN India delivery.

Know us better.

120,087 MT+

Steels Delivered

4 Generation

of Experience

11.3K

Happy Customers

99.4%

Clients Satisfaction



Shree Ji Steel Private Limited



+91-7044459444



www.shreejisteelcorp.com



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Vizag TMT Bar

Vizag TMT Bars, manufactured by RINL (Rashtriya Ispat Nigam Limited), offer high strength, ductility, and corrosion resistance. Ideal for durable construction in seismic and coastal zones.

Key Features

- ✓ **Length** : 12 Meters
- ✓ **Size**: 4.5mm to 32 mm
- ✓ **Grade** : FE500/FE500+/FE500D/FE550/ FE550+/FE550D/FE600
- ✓ ISI marked and Certified Materials available
- ✓ Made from Standardised Materials
- ✓ Corrosion resistant and ductile materials are available
- ✓ TMT in Coil Form available in sizes 5.5mm, 6mm, 7mm, 7.4mm, 8mm & 10mm



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Other Features

- ✓ **Shape** : Ribbed Bar is available
- ✓ TMT bars are made in Bharat by RINL
- ✓ Can be used in the MES & Railway Projects.**
- ✓ **Manufacturing Process**: The thermo-mechanical treatment, quenching, self-tempering, and atmospheric cooling.
- ✓ **HSN Code** : 72131090, 72141090, 72142090, 721499, 72149990, 72151000.
- ✓ **Packaging** : Packaged in Bundles.
- ✓ **Mill Test Certificate** can be delivered.



* Primary branded materials can be used in the MES Projects
** Railways approved primary branded materials can be provided



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TMT BAR Weight Chart

Diameter in mm	TMT Bar Length In Meters	Weight Per Meter In kg	Weight Per Foot in kg	Weight Per 12 Meter Pcs (weight In kg)	Approx Number of Pieces in 1 Metric Ton	Approximate Running Meter Length In 1 (One) Ton
5.5mm	12 meter	0.154	0.05	1.848	541	6494
8mm	12 meter	0.395	0.12	4.74	211	2532
10mm	12 meter	0.617	0.19	7.404	135	1621
12mm	12 meter	0.888	0.27	10.656	94	1126
16mm	12 meter	1.580	0.48	18.96	53	633
20mm	12 meter	2.470	0.75	29.64	34	405
25mm	12 meter	3.850	1.17	46.2	22	260
28mm	12 meter	4.830	1.47	57.96	17	207
32mm	12 meter	6.310	1.92	75.72	13	158



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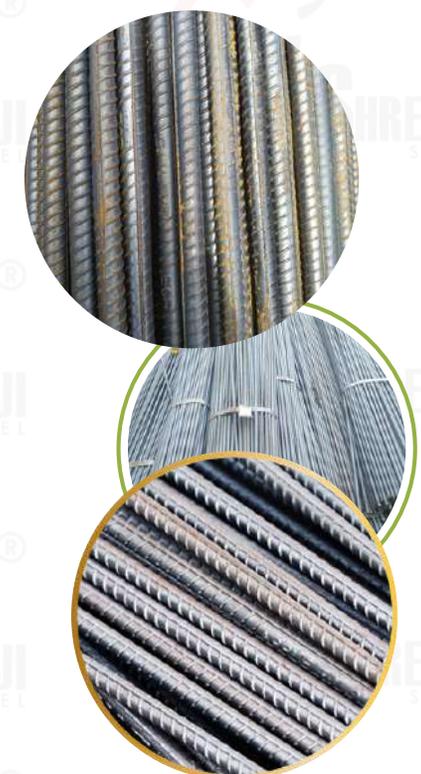


CHEMICAL COMPOSITION*

TMT BAR CHEMICAL COMPOSITION

Percent, Maximum

Constituent	Fe 500 Chemical Composition	Fe 500 D chemical composition	Fe 550 chemical composition	Fe 550 D chemical composition	Fe 600 chemical composition
Carbon Content in TMT Bars	0.3	0.25	0.3	0.25	0.3
Sulphur	0.055	0.04	0.055	0.04	0.04
Phosphorus	0.055	0.04	0.05	0.04	0.04
S & P	0.105	0.075	0.1	0.075	0.075



* Chemical composition percentage varies with the changing grade and Size of the TMT Bar



MECHANICAL PROPERTIES**

Sizes	0.2% Proof Stress / YS (N/mm ²)	0.2% Proof Stress / YS (N/mm ²)	Tensile Strength (N/mm ²)	TS/YS Ratio	Elongation (%)	Total Elongation at max force (%)	Bend Test	Re-bend Test
5.5mm	528	540	632	1.19	18.2	7.7	ok	Pass
8mm	534	549	639	1.19	22.2	8.8	ok	Pass
10mm	534	549	636	1.19	22.2	8.2	ok	Pass
12mm	525	518	632	1.19	20	8.8	ok	Pass
16mm	530	548	634	1.19	22.1	8.2	ok	Pass
20mm	528	546	632	1.19	20	8.2	ok	Pass
25mm	528	540	632	1.19	19.8	8.74	ok	Pass
28mm	530	540	632	1.19	19.8	7.78	ok	Pass
32mm	528	540	632	1.19	20.54	8.64	ok	Pass



** Mechanical Properties changed with the changing size and grade of the tmt bar.



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MILL TEST CERTIFICATE



RASHTRIYA ISPAT NIGAM LIMITED
VISAKHAPATNAM STEEL PLANT
QUALITY ASSURANCE & TECHNOLOGY DEVELOPMENT DEPARTMENT
VISAKHAPATNAM -530031 (A.P)

IS 1786

CML-6028658

TEST CERTIFICATE

PAGE 1 OF 1

DETAILS		CUSTOMER/DESTINATION		WAGON/TRUCK/TRAILOR No.	R.R. WEIGHT (TONS)
T.C.NO:	DRM/09/W/2022-23/9710/0001	DATE:	05.09.2022	Shree Ji Steel Corporation, Village : Subharara, Ganesh Complex, Gate No. 1, A6, Amta Road, Post : Subharan, PS : Panchl, Howrah, West Bengal, India	1.960
INV NO:	7712201281	DATE:	05.09.2022		

WE CERTIFY THAT THE MATERIAL DESCRIBED BELOW FULLY CONFORMS TO IS 1786 - 2008 CHEMICAL COMPOSITION OF THE PRODUCT, AS TESTED IN ACCORDANCE WITH THE SCHEME OF TESTING AND INSPECTION CONTAINED IN THE BIS CERTIFICATION MARKS LICENSE NUMBER CML-6028658 ARE AS INDICATED AGAINST EACH ORDER NUMBER (PLEASE REFER TO IS 1786 - 2008 FOR DETAILS OF SPECIFICATION REQUIREMENTS)

HEAT / LOT NUMBER	NOMINAL SIZE (mm)	NO. OF COILS/ BUNDLES/ BILLETS/ BLOOMS	CHEMICAL COMPOSITION								MECHANICAL PROPERTIES				COLOR	GRADE/ DESIGNATION	
			C	Mn	P	S	Al	Cr	Cu	CE	YS	UTS	%EL	RA			BEND TEST
169652	8	1	0.210	0.740	0.019	0.180	0.022	0.003	---	0.334	521.000	629.000	23.000	---	OK	OK	FE500D
200432	8	1	0.230	0.740	0.019	0.230	0.043	0.014	---	0.328	520.000	620.000	22.000	---	OK	OK	FE500D

STANDARD SPECIFICATION:

CHEMICAL	C	Mn	P	S	Si	Al	Cr	Cu	CE	V	Ti	B
	<= 0.250	<= 1.00	<= 0.040	<= 0.040	<= 0.350	<= 0.150	<= 0.650	NA	<= 0.500	---	---	NA
MECHANICAL	YS	UTS	%EL	RA								
	500 - 700	565 - 840	>= 16	NA								

THE MATERIAL SUPPLIED CONFORMS TO THE STANDARD ROLLING AND MASS TOLERANCES.

AVERAGE WEIGHT OF EACH BUNDLE/COIL/BILLET/BLOOM IS 0.980 TONS APPROXIMATELY
MANUFACTURING ROUTE: BOF-LF/IRUT-CCM-BILLETS-REBAR
REDUCTION RATIO:

FOR (QA & TD)
VISAKHAPATNAM STEEL PLANT
R.I.N.L



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TMT Bar Grades & Standards

✓ Grade of TMT Bar - **IS : 1786 - 1985**

International Equivalents

IS 1786 Grade	ASTM	JIS	BS	EN	GB
Fe 415	ASTM A615 (Grade 60)	SD390	B500A	B500A	HRB335
Fe 500	ASTM A615 (Grade 75)	SD490	B500B	B500B	HRB400
Fe 500D	ASTM A706	-	B500C	B500C	-
Fe 550	-	-	-	-	HRB500



We deliver SAIL TMT Bar and RINL TMT Bar



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What Customers Ask ?



Can I place an order below the MOQ in urgent cases?



We have set a specific MOQ for all the materials delivered by Shree Ji Steel Private Limited. In case you have an order volume below the MOQ, please connect with our sales team.



Can I mix different sizes/types in a single order?



Yes, you can mix different sizes and types in a single order.



In what form do you supply TMT Coils, cut to length, or in bundles?



We, at Shree Ji Steel Private Limited, supply TMT Coil in bundle.



Would the bars supplied by Shree Ji Steel have BIS certification embossed?



All TMT bars comply with BIS standards, with certification embossed.





QUALITY AND CERTIFICATIONS



Shree Ji Steel is ISO Certified Steel Trader, Supplier, and Exporter



We are Authorized Dealer of SAIL



& RINL



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WHY CHOOSE US?

- ✓ Pan India Delivery Facility
- ✓ Dedicated Customer Support
- ✓ Live Vehicle tracking facility
- ✓ Comprehensive Insurance Coverage
- ✓ Transparent Live Pricing of Products & market trend
- ✓ ISI Certified Materials
- ✓ Trusted Source of Steel Solution for 4 Generations
- ✓ Live Photo Sharing After Loading and Other Steps



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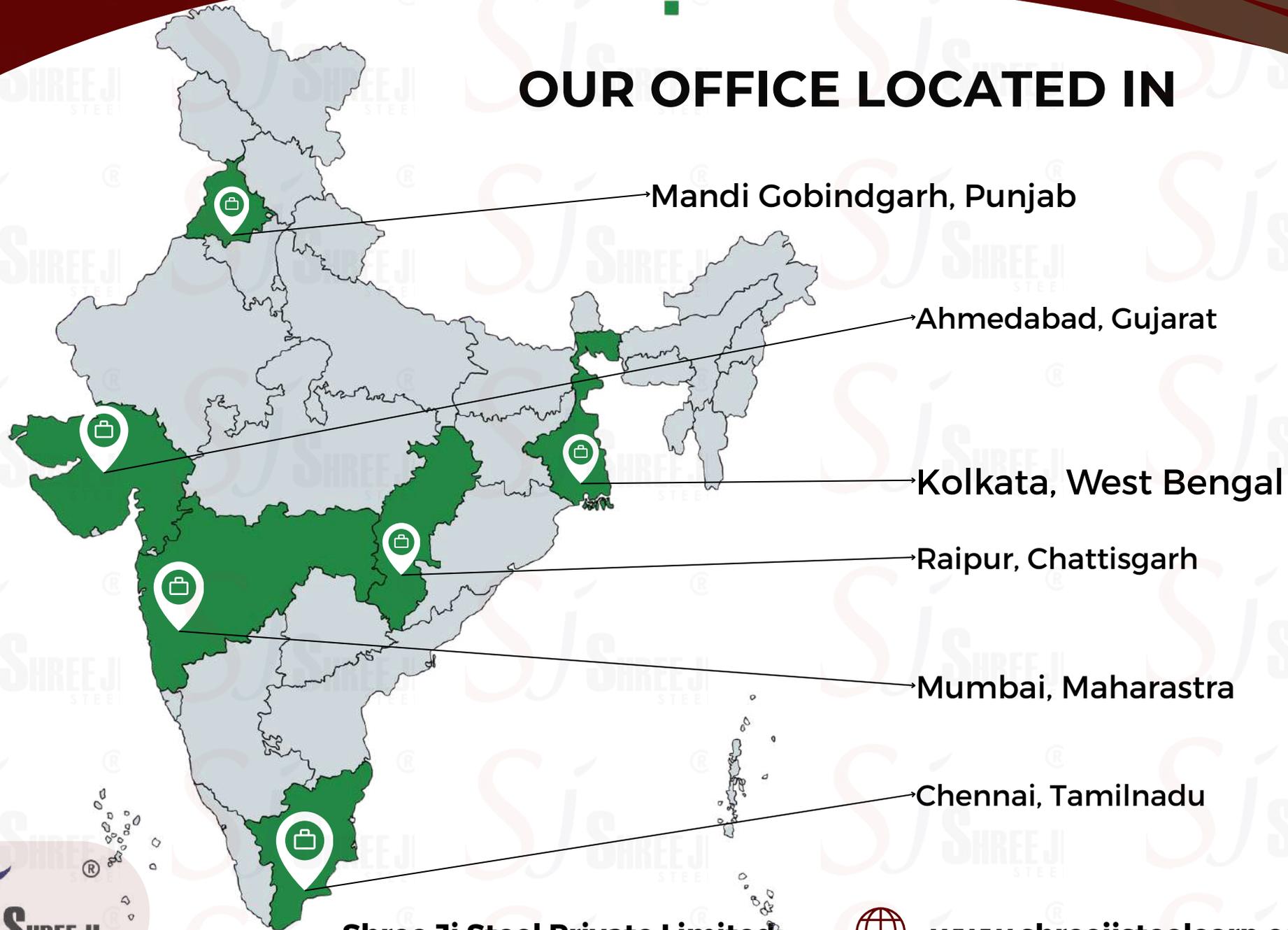
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OUR OFFICE LOCATED IN



Shree Ji Steel Private Limited

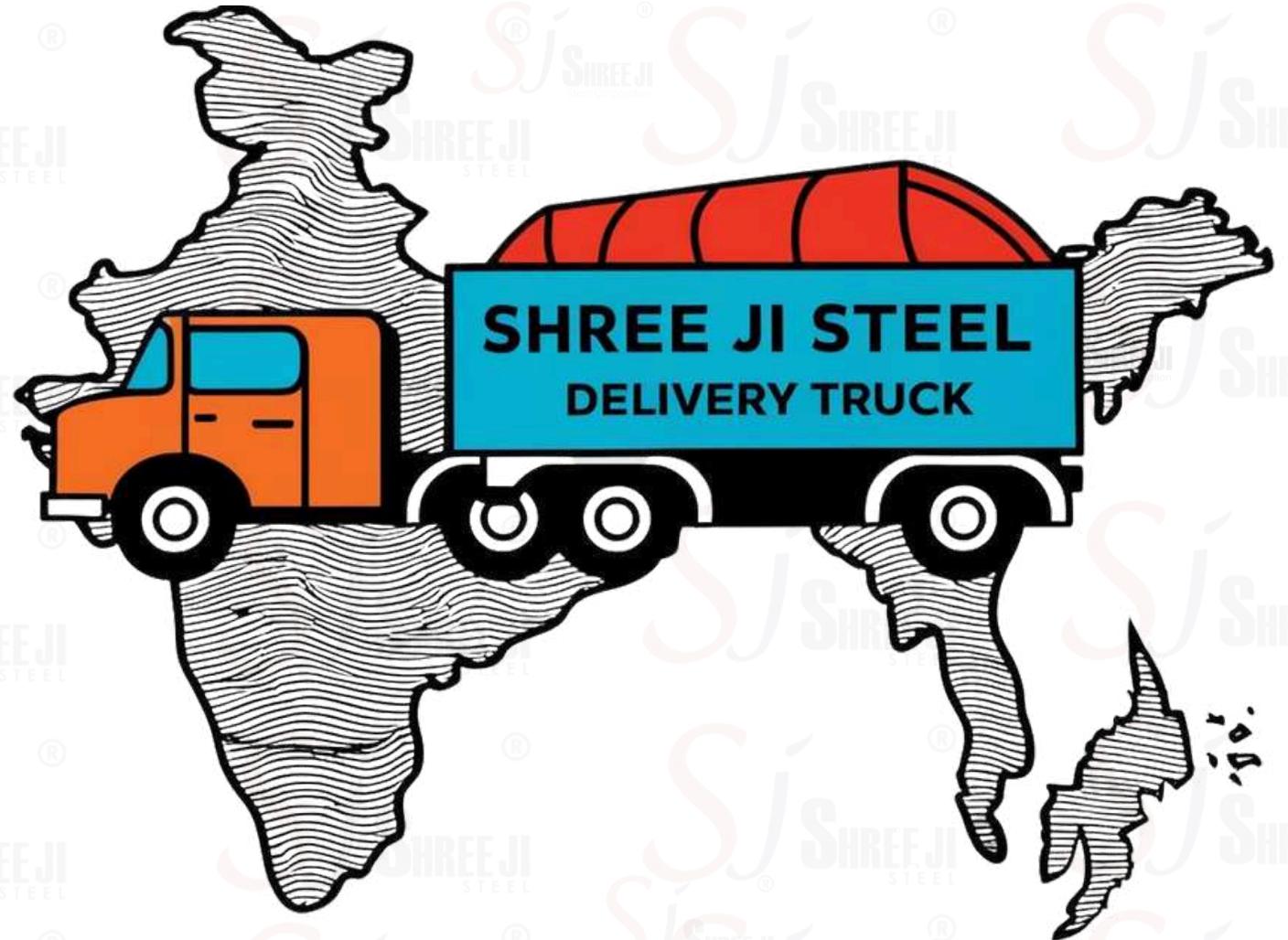
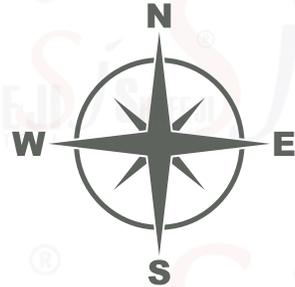
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SHREE JI OFFER PAN-INDIA DELIVERY



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Testimonials & Clientele



1297 Reviews



We are rated 4.1 out of 5 on Indiamart.



181 Reviews



We are rated 4.8 out of 5 on Google.

trade
india.



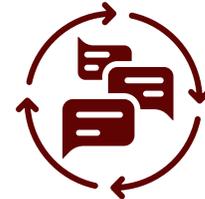
We are rated 4.1 out of 5 on Tradeindia.

Justdial

256 Reviews



We are rated 4.6 out of 5 on Justdial.



Ademo Rory
5 reviews • 0 photos

★★★★★ 21 weeks ago

Good customer service received from Shree Ji steel company and good to work in the future as well. A big thank you from Nagaland.



Patgiri Enterprise
3 reviews • 9 photos

★★★★★ 4 weeks ago **NEW**

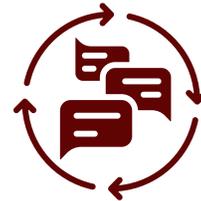
I have bought iron from Shree Ji Steel Private Limited several times and every time I get the weights right.
The staff of Shree Ji Steel Private Limited is very polite and courteous.
I wish them good luck.
Thank you.
Regards



Manoj Agarwal
3 reviews • 2 photos

★★★★★ 26 weeks ago

Timely delivery & nice follow up from purchase order to delivery at every stage



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The Directors of Shree Ji Steel



Satish Gupta



Jatin Gupta



<https://www.linkedin.com/in/jatingupta12/>



Karan Gupta



<https://www.linkedin.com/in/karan-gupta-shreeji/>

facebook

facebook.com/shreejisteelcorporation

41K+ Followers

Instagram

instagram.com/shree_ji_steel/

5.5 K+ Followers

LinkedIn

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2258 Followers



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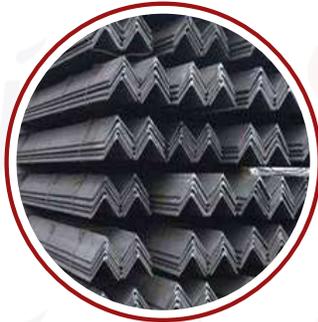


Other Products

Available at Shree Ji Steel



TMT Bar



MS Angle



MS Channel



MS Beam



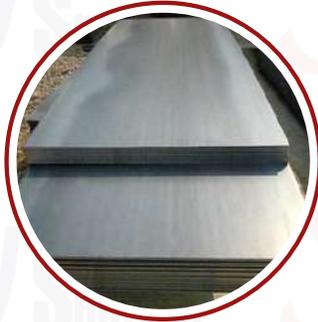
MS Flat Bar



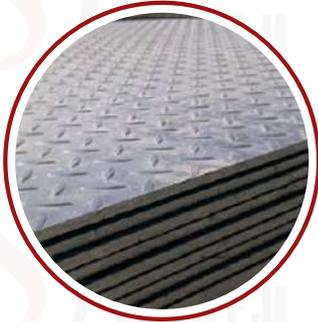
MS Round Bar



MS Square Bar



MS Plate



Chequered Plate



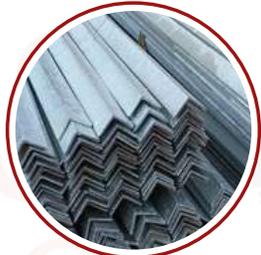
MS Pipe



Binding Wire



Wire Rod



Galvanised Angle



Galvanised Flat Bar



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Our Product Ranges

Available at Shree Ji Steel

Products	Size range available	Products	Size range available
TMT Bar	4.5mm to 32mm	MS Square bar	06mm to 75 mm
Lightweight TMT bar	08mm to 16mm	MS Plate	1.6mm to 50mm
MS Angle	19*19*3mm to 200*200*25mm	Chequered Plate	2.5mm to 10mm
MS Channel	75*40mm to 400*100mm	MS Round Pipe	15mmNB to 600mmNB
MS Beam/ISMB	100*50mm to 600*210mm	MS Square Pipe	15*15mm to 400*400 mm
NPB	100 *55 mm to 750*270mm	MS Rectangular Pipe	40*20 mm to 400*200 mm
WPB	160*160mm to 300*300mm	Binding wire	18 SWG to 23 SWG
UB (Universal Beam)	UB 203*133 to UB 610*229	HB Wire	06 SWG to 14 SWG
UC (Universal Column)	UC 152 *152 to UC 356*406	Wire Rod	5.5mm to 12mm
MS Flat Bar	12*3mm to 500*50mm	Ribbed Coil	4.5mm to 08mm
MS Round Bar	05 mm to 125mm		



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