



Shree Ji Steel Private Limited

(Formerly Shree Ji Steel Corporation)

Trusted Source of Steel Solution

SAIL 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



We Are Authorised Dealer of SAIL





SAIL TMT Bar

TMT bars (Thermo-Mechanically Treated bars) are high-strength reinforcement steel used in construction. They undergo a special heat treatment process, making them strong, ductile, and corrosion-resistant.

Key Features

- ✓ **Available Size Ranges** : 08mm, 10mm, 12mm, 16mm, 20mm, 25mm, 28mm 32mm
- ✓ **Length** : 12 Meters
- ✓ **Grade** : FE 500D, FE 550D
- ✓ **The HSN Code** - 72142090
- ✓ Better Weldable with low Hydrogen electrode.
- ✓ **Variants** : SAIL SeQR, SAIL EQR, SAIL TMT HCR.
- ✓ **SAIL TMT HCR** is the Corrosion Resistant Grade.
- ✓ Made from the house of Steel Authority of India Limited.





Other Features

- ✓ Made from Standardized Materials
- ✓ Excellent weldability using low hydrogen electrodes
- ✓ Resistant to hot and cold brittleness.
- ✓ Rationalised Sizes.
- ✓ SAIL TMT Bars are approved for **MES (Military Engineer Services) projects.** *
- ✓ SAIL TMT Bars are approved for **Research Design and Standards Organization (RDSO) Projects.**
- ✓ Mill Test Certificate will be delivered
- ✓ Clean Steel : Made from Virgin Iron Ore.
- ✓ Packaging : Packaged in Bundles





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
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

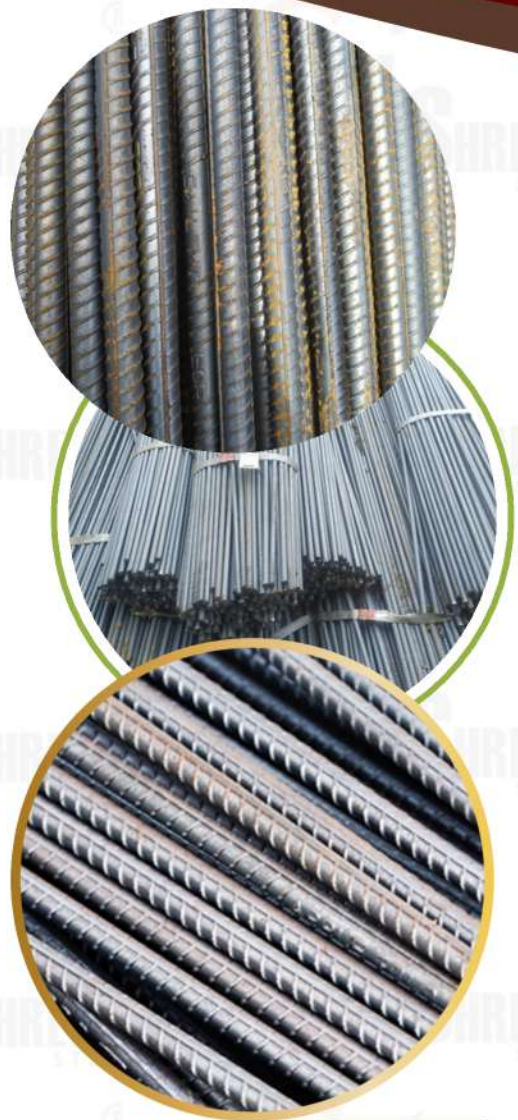


Weight as per IS 1786, density considered: 7850 kg/m³



CHEMICAL COMPOSITION*

CHEMICAL COMPOSITION OF SAIL TMT BAR					
Percent, Maximum					
Sizes	Carbon(%)	Sulphur (%)	Phosphorus (%)	Sulphur & Phosphorus (%)	%C (Equivalent) Max
EQR (Fe 500D)	0.25	0.040	0.040	0.075	IS 1786
SEQR (Fe 550D)	0.25	0.035	0.035	0.070	IS 1786



* Values are maximum limits as per IS 1786. Actual may vary slightly.



**MECHANICAL
PROPERTIES****

Sizes	Yield Strength (Mpa) (Min)	Tensile Strength, MPa (Min)	UTS/YS (Min)	Elongation (%)
EQR (Fe500D)	500	565	1.1	16
SEQR (Fe 550D)	550	600	1.15	16.0



****Mechanical properties vary with diameter and grade.**



Tolerance

Tolerance of TMT bar adheres to standard of IS 1786: 2008

- ✓ **Tolerances on Nominal Mass** can be varied based on the size of TMT bar. For Nominal size of 5.5mm to 10mm, the Batch mass tolerance is $\pm 7\%$ and individual sample tolerance is -8%.
- ✓ For Nominal size from 10mm to 16mm, the Batch mass tolerance is $\pm 5\%$ and individual sample tolerance is -6%.
- ✓ For Nominal size above 16mm, the Batch mass tolerance is $\pm 3\%$ and individual sample tolerance is -4%.
- ✓ If bars/wires are specified to be cut to certain lengths, each bar/wire shall be cut within deviations of +75 / -25 mm on the specified length, but if minimum lengths are specified, the deviations shall be +50mm/ 0mm.





MILL TEST CERTIFICATE



STEEL AUTHORITY OF INDIA LIMITED
AMIT METALIKS LTD
C/O VSP UDYOG, Dist : BARDHAMAN, West Bengal
CAWLA/SPU of SAIL for the year 2023-24
TEST CERTIFICATE
FOR HIGH STRENGTH DEFORMED STEEL BARS & WIRES FOR CONCRETE
REINFORCEMENT

IS 1786:2008



CM/L-5500100483



TC Number : SAIL/CMO/C447/TC_1002208
TC Date : 13.04.2024
TO : receiver's details

BRAND: SAIL SeQR

We Certify that material described below fully conforms to IS 1786:2008, chemical composition & mechanical properties of the product in accordance with the scheme of testing and inspection contained in the BIS certification marks List No. CM/L-5500100483 are as indicated below against each order no.
(PLEASE REFER TO IS 1786:2008 FOR DETAILS OF SPECIFICATION REQUIREMENTS)

Order No. & date	*Nominal Size(mm)	CAST/ Lot No.	QUANTITY (MT)	Testing Date	CHEMICAL ANALYSIS						MECHANICAL PROPERTIES						Grade of Steel					
					C%	Mn%	S%	P%	(S+P)%	CE%	YS N/mm2	Tensile Strength N/mm2	UTS/YS Ratio	Elongation %	Total Elongation %	Bend Test		Re-Bend Test				
					Required Value as per IS 1786 :2008						Min							550	600	1.08	15	5
				Max	0.25		0.040	0.040	0.075	0.50												
3843916 - 10.04.2024	TMT BAR SAILSeQRIS1786 Fe550D	BBWLA/24-25/009 890006510025	30.260	10.04.2024 to 10.04.2024	0.15 to 0.25	0.75 to 0.86	0.024 to 0.029	0.017 to 0.032	0.041 to 0.061	0.30 to 0.38	564 to 613	634 to 713	1.12 to 1.16	22 to 24	6 to 9	OK	OK	SAIL SeQR IS1786 Fe550D				
TOTAL QUANTITY			30.260																			
DOCUMENT NO:		9340809209																				
TRUCK / WAGON NO.		NL02G345																				
Remarks:																						
Authorised Signatures																						

Authorised Signatures



Shree Ji Steel Private Limited

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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 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





QUALITY AND CERTIFICATIONS



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



We are Authorized Dealer of SAIL & RINL





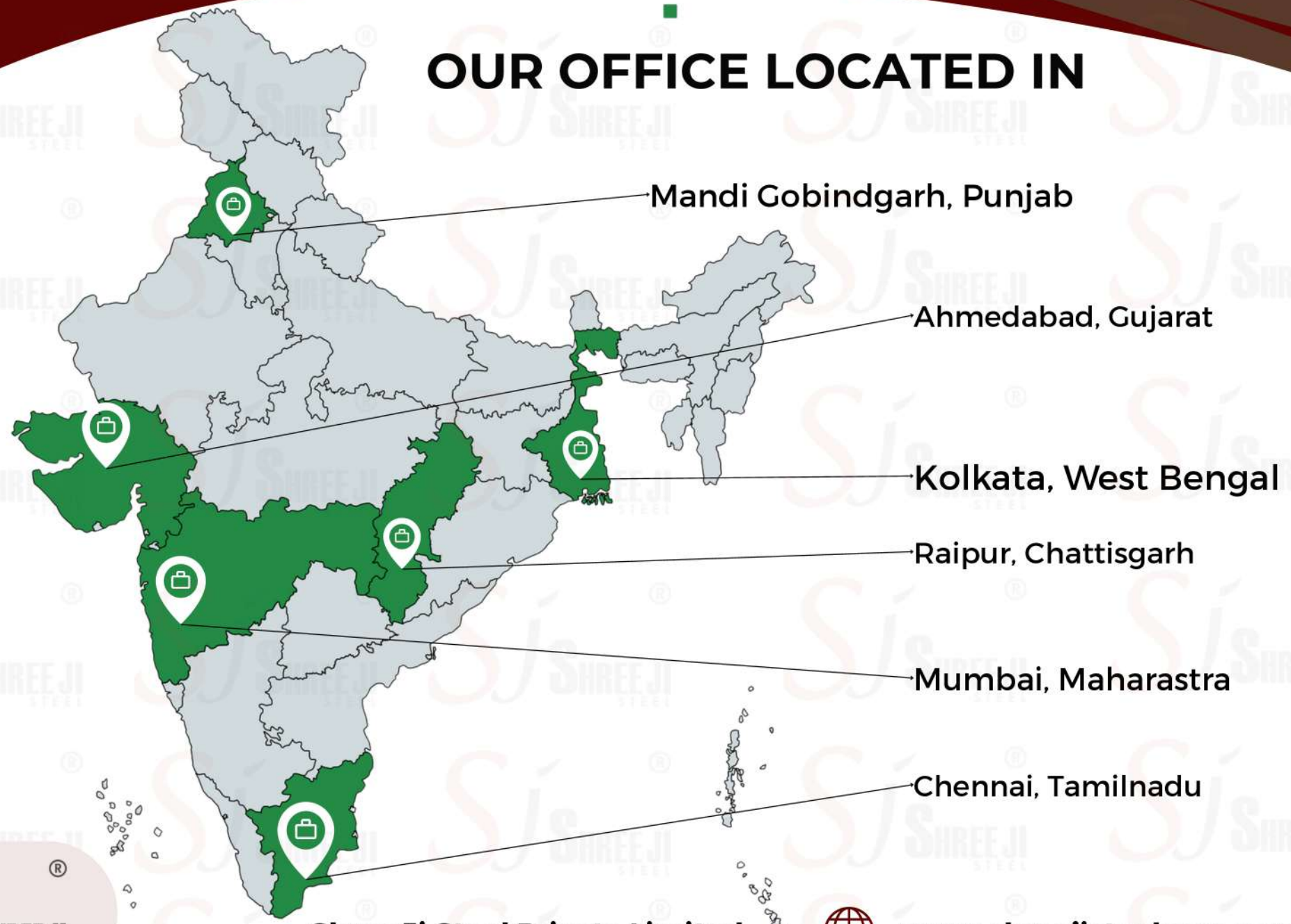
WHY CHOOSE US?

- ✓ 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



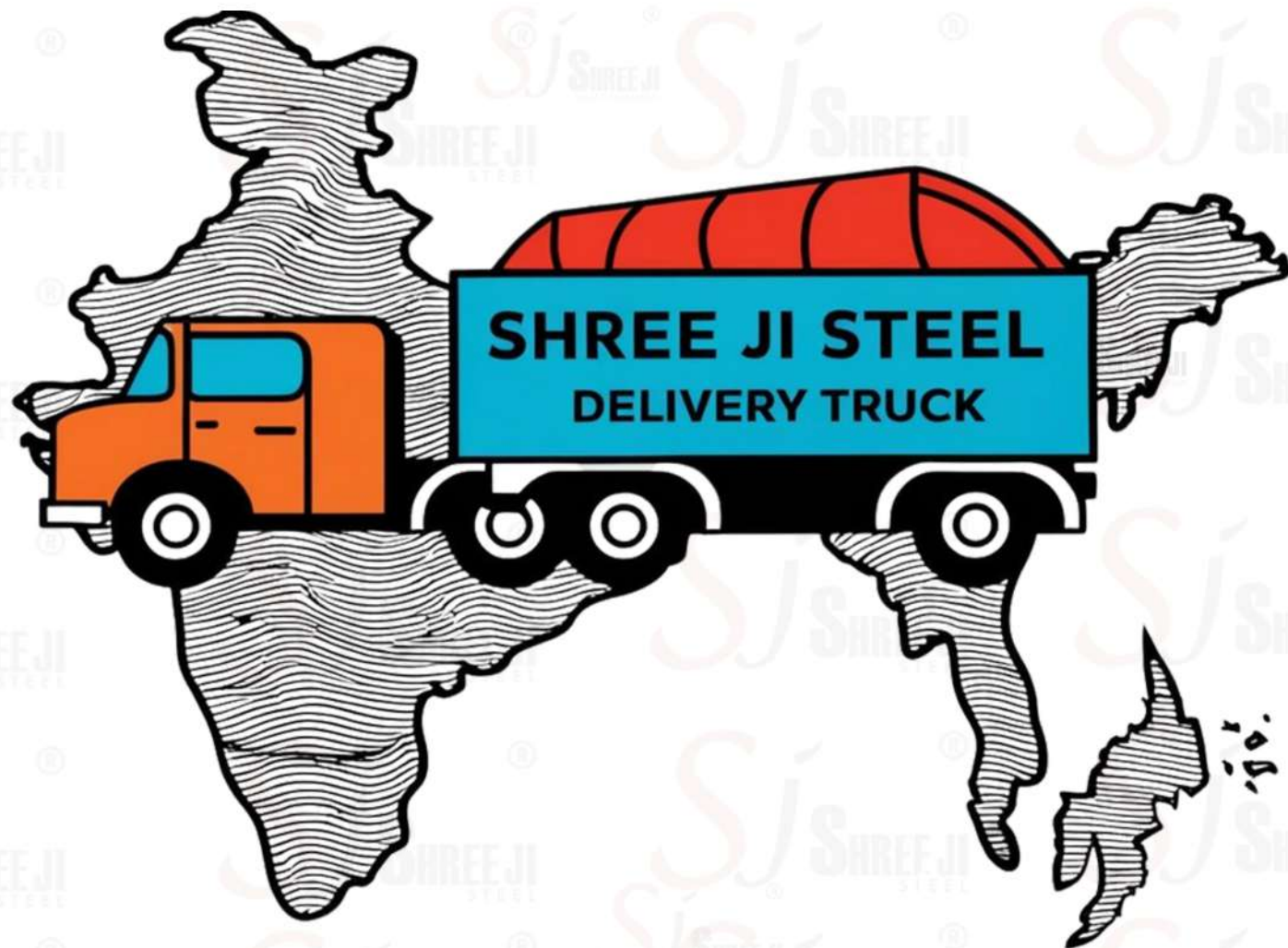


OUR OFFICE LOCATED IN





SHREE JI OFFER PAN-INDIA DELIVERY





Testimonials & Clientele



1297 Reviews



We are rated **4.1 out of 5** on Indiamart.



256 Reviews



We are rated **4.6 out of 5** on Justdial.



181 Reviews



We are rated **4.8 out of 5** on Google.



We are rated **4.1 out of 5** on Tradeindia.



A 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



M Manoj Agarwal
3 reviews • 2 photos

★★★★★ 26 weeks ago

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



Shree Ji Steel Private Limited

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The Directors of Shree Ji Steel



Satish Gupta



Jatin Gupta



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Karan Gupta



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

facebook

facebook.com/shreejisteelcorporation

40K+ Followers

Instagram

instagram.com/shree_ji_steel/

3.5 K+ Followers

LinkedIn

linkedin.com/company/shree-ji-steel-corporation

1224 Followers



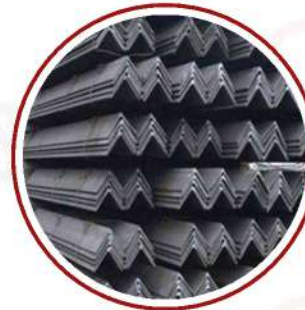


Other Products

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



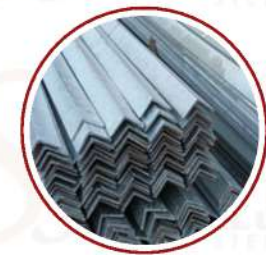
MS Pipe



Binding Wire



Wire Rod



Galvanised Angle



Galvanised Flat Bar





Other 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 10mm
MS Round Bar	05 mm to 125mm		





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For More Details Click here

