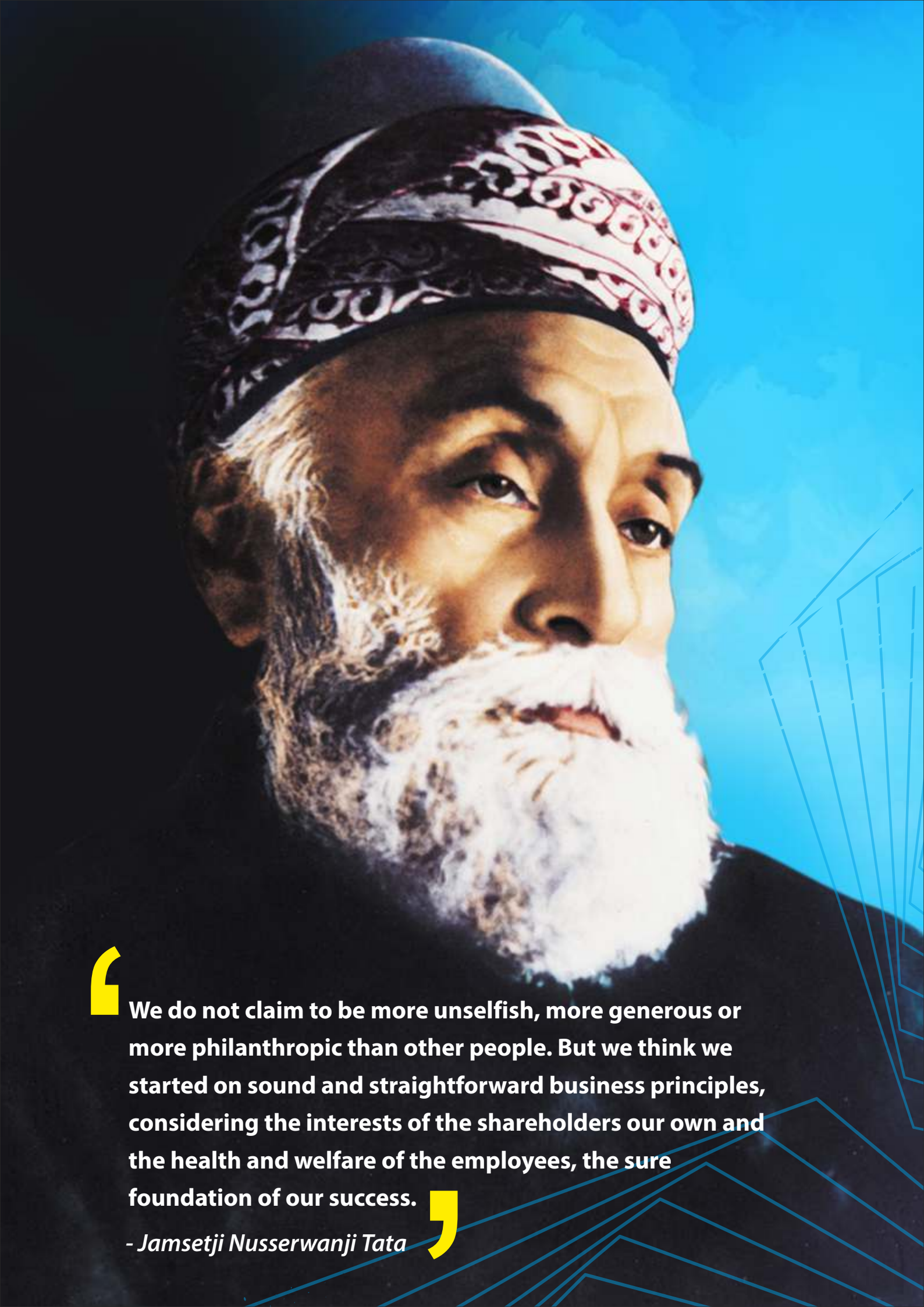


Supporting  
*infinite dreams*  
Creating  
*new possibilities*





“

**We do not claim to be more unselfish, more generous or more philanthropic than other people. But we think we started on sound and straightforward business principles, considering the interests of the shareholders our own and the health and welfare of the employees, the sure foundation of our success.**

*- Jamsetji Nusserwanji Tata*

”



# Structuring Value

Tata Structura was launched in the early 2000s. Since then the brand has played a pivotal role in transforming the construction scene in India with architectural landmarks like airports, railway stations, metro, malls and stadiums. By introducing Hollow Section Tubes, possibilities have become endless the brand has grown 10 times in retail between the years 2013 to 2020 and currently commands close to 10% market share.

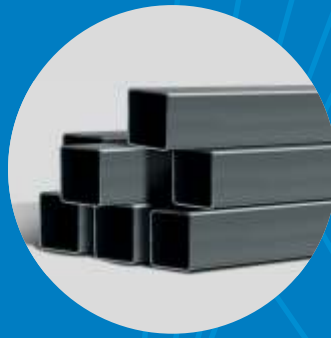
Tata Steel - Tubes Strategic Business Unit (SBU) manufactures Structural Tubes under the brand name of 'Tata Structura'. Tata Structura Steel Hollow sections are superior in quality and are manufactured using raw materials that come from Tata Steel's world-class Hot Strip Mill.



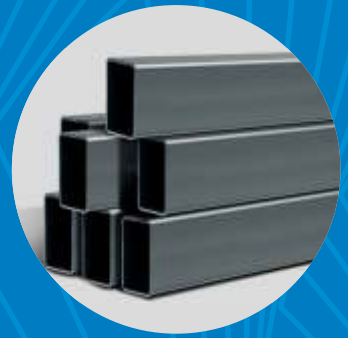
**Tata Structura's steel hollow sections are of three types**



**Circular  
Hollow Sections**



**Square  
Hollow Sections**



**Rectangular  
Hollow Sections**

The sections are manufactured up to a maximum size of 250x250 mm for square hollow sections, 300x200 mm for rectangular sections and 300 mm NB for circular sections. The thickness of these sections ranges from 2 - 10 mm.

## Quality

IS: 3601, IS:1161 and IS:4923 standards of manufacturing of specific sizes and thicknesses (Applicable till further amendment). The quality of each Tata Structura Steel Hollow Section undergoes strict scrutiny during the manufacturing process. It starts with slitting the strip edges, continues with speed, temperature control during the high frequency induction welding and is followed by online non-destructive eddy current testing directly after welding. Off-line drift and flattening tests are also conducted. This is all within the IS 9000 Quality Management System.





**Tata Structura has received a Green Product certification from CII. Tata Structura is the first Tube manufacturing brand to receive this Sustainable product award for for generations.**



**Tata Structura is now accorded as both a Consumer and Industry validated Superbrand in 2019. This is a testament to the efforts that the entire team has put in to make this brand a trusted Superbrand. The Brand story of Tata Structura will now be featured in the Superbrands publication 2019.**





Applications

# ROOF SHEDS





Applications

# ROOF SHEDS FOR COASTAL REGIONS





Applications

# CATTLE SHEDS





Applications

# GREENHOUSE SHEDS



TATA  
STRUCTURA  
STRUCTURAL SECTIONS

TATA  
STRUCTURA  
STRUCTURAL SECTIONS

TATA  
STRUCTURA  
STRUCTURAL SECTIONS



Applications

# CAR PARKING SHEDS





Applications

# GATES





Applications

# GATES





Applications

# GATES





Applications

# PERGOLAS





Applications

# PERGOLAS





Applications

# FENCES





Applications

# WINDOW GRILLES





Applications

# HAND RAILS





Applications

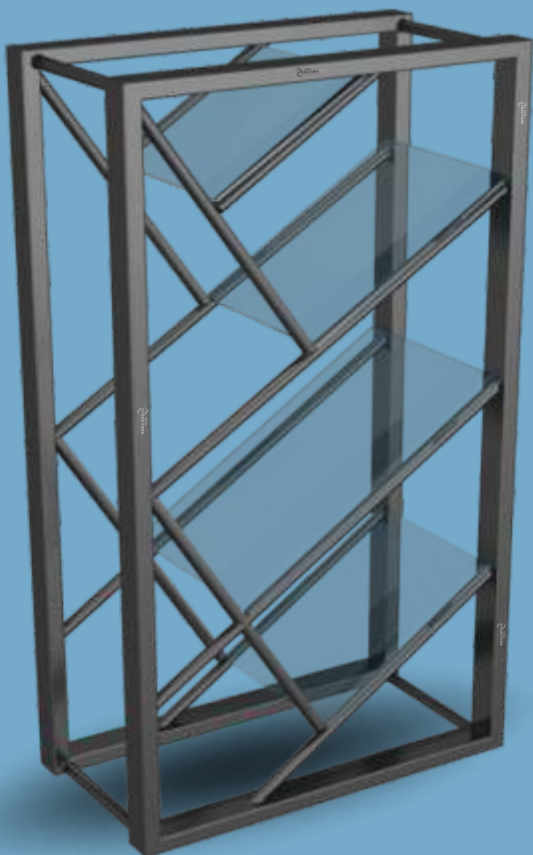
# BALCONY GRILLES





Applications

# STEEL FURNITURE





Applications

# PLAYGROUND STRUCTURES





# Advantages of Tata Structura



**Strong welding joints**

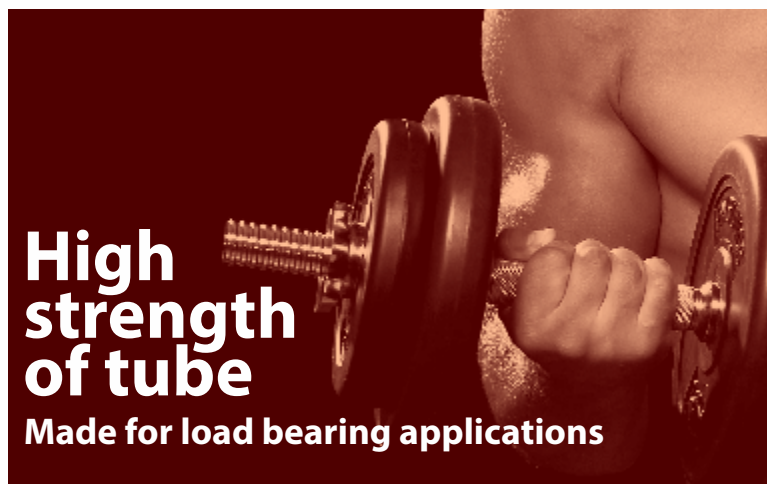
 **Long Lasting**



**Rough surface**  
Good for painting during fabrication



  
**Tata Trust**  
Tata high quality raw material



**High strength of tube**  
Made for load bearing applications



**Unique straightness**  
Impeccably straight Fabrication can be done in shorter duration



  
**Lightweight**  
Per Kg price is minimum



**Smooth end burr**  
  Saves money for less wastage of materials



**High bendability**  
Flexible for any design



# Weight of one tube in Kg/metre

IS: 3601 & IS: 1161 for Tata Structura Circular Hollow Section Tubes, IS: 4923 for Tata Structura Square and Rectangular Hollow Section Tubes. (Applicable till further amendment )

Valid till 31st Dec'20.






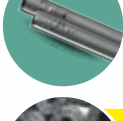

Weight of One Tube in kg/metre															
Section Type	Size Dimension (mm*mm)	Thickness (mm)													
		1.0	1.2	1.6	1.8	2.0	2.2	2.6	2.9	3.2	3.6	4.0	4.5	4.8	5.0
SHS	20*20	0.58	0.68	0.87	0.96	1.05	1.13	1.28	1.39						
	25*25	0.73	0.87	1.12	1.25	1.36	1.48	1.69	1.84	1.98					
	32*32		1.13	1.48	1.64	1.80	1.96	2.26	2.48	2.69					
	38*38		1.36	1.78	1.98	2.18	2.38	2.75	3.03	3.29		3.95			
	40*40		1.43	1.88	2.09	2.31	2.51	2.92	3.21	3.49		4.20			
	50*50		1.81	2.38	2.66	2.93	3.20	3.73	4.12	4.50	4.98	5.45			
	60*60			2.88	3.22	3.56	3.90	4.55	5.03	5.50	6.11	6.71			
	72*72			3.49	3.90	4.32	4.72	5.53	6.12	6.71	7.47	8.22			
	80*80					4.82	5.28	6.18	6.85	7.51	8.37	9.22			
	91.5*91.5							7.12	7.90	8.67	9.67	10.67			
	100*100							7.82	8.67	9.52	10.64	11.73			14.41
	113.5*113.5							8.92	9.90	10.88	12.16	13.43		15.92	
132*132									12.74	14.25	15.75		18.71		
RHS	40*10			1.12	1.25	1.36	1.48								
	40*20		1.06	1.38	1.53	1.68	1.82	2.10							
	50*25		1.34	1.75	1.95	2.15	2.34	2.71	2.98	3.24					
	75*25		1.81	2.38	2.66	2.93	3.20	3.73	4.12						
	66*33		1.79	2.35	2.63	2.90	3.17	3.69	4.07						
	60*40		1.81	2.38	2.66	2.93	3.20	3.73	4.12	4.50	4.98	5.45	6.02		
	80*40		2.19	2.88	3.22	3.56	3.90	4.55	5.03	5.50	6.11	6.71			
	95*25			2.88	3.22	3.56	3.90	4.55	5.03	5.50	6.11	6.71	7.43	7.85	
	96*48			3.49	3.90	4.32	4.72	5.53	6.12	6.71	7.47	8.22		9.66	
	122*61							7.12	7.90	8.67	9.67	10.67	11.88		
145*82							8.92	9.90	10.88	12.16	13.43		15.92		
172*92									12.74	14.25	15.75	17.61	18.71		
CHS	15 NB			0.78	0.87	0.95	1.04	1.20	1.32						
	20 NB		0.76	1.00	1.11	1.23	1.34	1.56	1.72						
	25 NB		0.96	1.27	1.42	1.56	1.71	1.99	2.20	2.41					
	32 NB	1.02	1.22	1.61	1.80	1.99	2.18	2.55	2.82	3.09					
	40 NB	1.17	1.39	1.84	2.06	2.28	2.50	2.93	3.25	3.56	3.97	4.37			
	50 NB		1.75	2.32	2.60	2.88	3.15	3.70	4.11	4.51	5.03	5.55	6.19		
	65 NB		2.22	2.94	3.30	3.65	4.01	4.71	5.24	5.75	6.44	7.11	7.95		
	80 NB		2.60		3.87	4.29	4.70	5.53	6.15	6.76	7.57	8.38	9.37		
100 NB						6.08	7.16	7.97	8.77	9.83	10.88	12.19			

## Notes

1. CR material is used for rolling all sizes in thicknesses below 1.6mm and no Indian Standard (IS Code) is applicable for them
2. **Sqaure & Rectangular:** IS 4923 for all sizes 1.6mm & above
3. **Circular:** IS 1161 / IS 3601 is applicable for all sizes 1.6mm & above



# Tata Structura Tubes vs Non Tata Tubes

Features	Tata Structura Tubes	Non Tata Tubes
 <b>TRUSTED BRAND NAME OF TATA</b>	✓	✗
 <b>YIELD STRENGTH: YST 210</b>	✓	✗
 <b>STRONG WELD LINE</b>	✓	✗
 <b>HIGH BENDABILITY</b>	✓	✗
 <b>SMOOTH END BURR</b>	✓	✗
 <b>UNIQUE STRAIGHTNESS</b>	✓	✗
 <b>MADE OF SUPERIOR HR COIL OF TATA STEEL</b>	✓	✗





# Benefits of Tata Structura

**VALUE FOR MONEY**

**LONG LASTING**

**TATA STRUCTURA**

**ADDS BEAUTY & ELEGANCE**





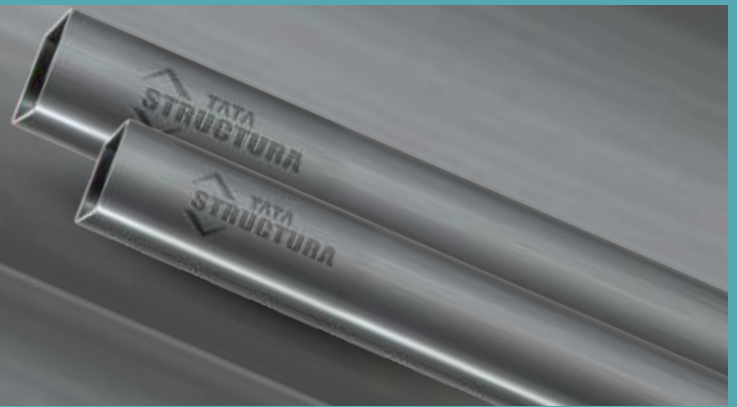
# Tata Structura Product Attributes

## Raw Material

High Quality  
Hot Rolled (HR) coils  
of Tata Steel

## Length

6 metre, tolerance +/- 50 mm



## End Finish

Smooth end burr



## Surface Finish

Black surface finish without  
any treatment





## Cold stamping

Tata Structura logo with YSt-210 grade.  
The grade appears below  
Tata Structura logo.



## ISI stamping

ISI logo with licence no.  
(licence no. is mentioned below the ISI logo).



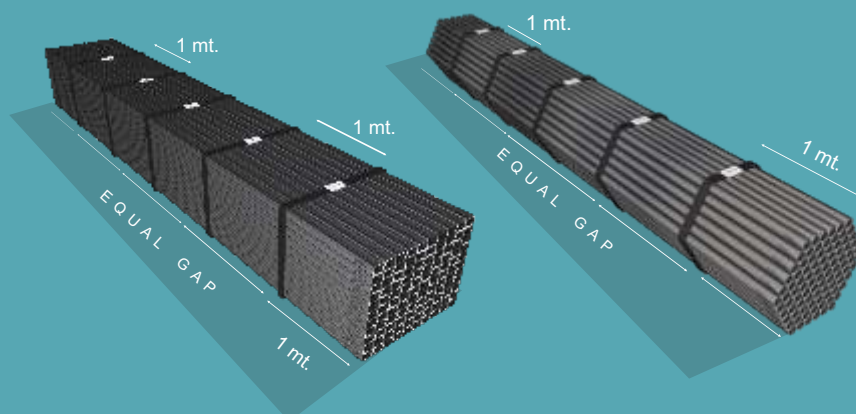
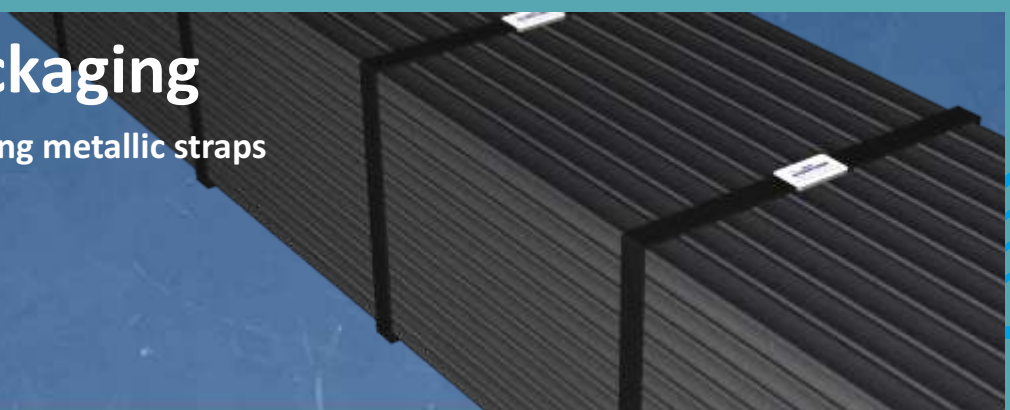
## Dot matrix printing

Thickness and batch no.  
are marked on the tube



## Product Packaging

Tubes are bundled using metallic straps



# Contacts

## WORKS

Burma Mines,  
Jamshedpur-831 007  
Telephone: 0657 2270561,  
Fax: 0657 2270304

## MARKETING HEADQUARTERS

Tata Centre, 43,  
J. L. Nehru Road,  
Kolkata-700 071  
Telephone:  
033 2288-7051/9251/8106,  
Fax: 033 2288-6996

### East Zone

#### Zonal Head Office

Tata Steel - Tubes Division  
Marketing & Sales  
52 Jawaharlal Nehru Road  
Kolkata - 700071

Tata Steel - Tubes Division  
Marketing & Sales  
PO - Burmamines  
Jamshedpur - 831007

Tata Steel - Tubes Division  
Marketing & Sales  
2 - B, Fortune Towers  
Chandrashekharpur  
Bhubaneswar - 751023

Tata Steel - Tubes Division  
Marketing & Sales,  
4th Floor, Subham Velocity,  
Honuram Boro Path  
Opp. Wallford, G.S.Road  
Guwahati - 781005

Tata Steel - Tubes Division  
Marketing & Sales  
401, Orchid Mall, 4th Floor  
(Opp. A N College),  
Boring Road.  
Patna - 800001

### West Zone

#### Zonal Head Office

Tata Steel - Tubes Division  
Marketing & Sales  
One Foibes, D1 - 3rd Floor  
1 Dr. V,N.Gandhi Marg, Fort  
Mumbai - 400001

Tata Steel - Tubes Division  
Marketing & Sales  
Premchand House Annex,  
Highcourt Way 172/2  
Ashram Road.  
Ahmedabad - 380009

Tata Steel - Tubes Division  
Marketing & Sales  
3rd floor, NRK Business Park  
B1 Scheme No. 54  
PU - 4 A B Road, Vijay Nagar  
Indore - 452010

Tata Steel - Tubes Division  
Marketing & Sales  
Museum Road. Civil Lines  
Nagpur - 440001

### North Zone

#### Zonal Head Office

Tata Steel - Tubes Division  
Marketing & Sales  
Hindustan Times House  
15th Floor, 18 - 20,  
Kasturba Gandhi Marg  
New Delhi - 110001

Tata Steel - Tubes Division  
Marketing & Sales  
Navroz Building, The Mall  
Kanpur -208001

Tata Steel - Tubes Division  
Marketing & Sales  
G - Business Park, (6th Floor)  
D - 34, Near Agrasen Circle  
Subhash Marg, C - Scheme  
Jaipur - 302001

Tata Steel - Tubes Division  
Marketing & Sales  
C - 44 to 47, Hero Majestic  
Road, Phase - 2, Focal point  
Ludhiana - 141010

### South Zone

#### Zonal Head Office

Tata Steel - Tubes Division  
Marketing & Sales  
Chettinad Sigapi Achi  
Building,18/3, 8th Floor  
Rukmini Lakshmipathy  
Road, Egmore  
Chennai - 600008

Tata Steel - Tubes Division  
Marketing & Sales  
Jubilee Building, 2nd floor  
45 Museum Road  
Bangalore - 560025

Tata Steel - Tubes Division  
Marketing & Sales  
6B, 6th Floor, Gumidelli  
Towers, Begumpet  
Hvderabad - 500016

Tata Steel - Tubes Division  
Marketing & Sales  
National Pearl Star Building  
6th Floor, 6L, Changampuzha  
Park Road, Edappally  
Kochi - 682024

[www.tatastructura.com](http://www.tatastructura.com)

[www.facebook.com/tatastructura](https://www.facebook.com/tatastructura)





Version: August, 2020

# Do you know?

**You can now buy online**

**Tata Structura steel hollow sections tube** for your gates, grilles, roof sheds, handrails, pergolas

Log in to [www.aashiyana.tatasteel.com](http://www.aashiyana.tatasteel.com)

**TATA STEEL**  
**AASHIYANA**  
Dream•Click•Build



[www.facebook.com/tatastructura](https://www.facebook.com/tatastructura)  
Toll Free Helpline: **1800 108 8282**

