

## 'MANUFACTURER OF TMT BARS'

Vinayak group is engaged in various activities like TMT Bars, pharmaceuticals and steel pipes.

[Explore More](#)

## Our Products

### Vinayak TMT Bars

- Available in 8 mm to 32 mm size
- American, British and Indian standards.
- Standard Length – 12 m.
- Grade Available: IS 1786- Grade Fe 500, Fe 550D & Fe 550D

[Find more about Vinayak TMT Bars](#)



# QUALITY ASSURANCE

Quality is the most emphasized verse in the ethic book of Vinayak where maintaining quality parameters is not just a process, but a practice, instilled at every stage of the work.

Each Vinayak TMT bar passes through stringent quality checks adhering to BIS and other international standards. A flawless system is in place that ensures that each and every component, right from raw material to finished product is tested before being used or dispatched.

Activate Windows  
Go to Settings to activate Windows.

## Specific Size & Weight Comparison

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Size MM	Specific Weight Weight Grams / Mtr	BIS Tolerance Grams / Mtr		Vinayak's Tolerance Grams / Mtr	
		Min	Max	Min	Max
8	395	367	423	367	395
10	617	574	660	574	617
12	888	844	921	844	888
16	1580	1501	1659	1501	1580
20	2470	2396	2544	2396	2470
25	3850	3735	3965	3735	3850
28	4830	4685	4975	4685	4830
32	6310	6121	6499	6121	6310

## Technical Details :

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- Product range- 8, 10, 12, 16, 20, 25, 32mm TMT bars
- Conforming to American, British & Indian Standards.
- Other Grades Available on request
- ASTM A615 Grade 40 & Grade 60 (Details/Specification available on request)
- BS4449 Grade 460B & 500B (Details/Specification available on request)
- Standard Length – 12m.

## **Vinayak TMT Bars Pvt. Ltd. is known for its best quality products in the market with fully integrated manufacturing plant.**

Vinayak TMT Bars Pvt. Ltd. is known for its best quality products in the market. Our in-house testing lab makes sure that our customers meet their requirements and best quality standards.

### **Advantages of Vinayak TMT**

- Fully automatic continuous rolling mill capacity of 800 MT per day.
- In-house testing lab makes sure that our customers meet their requirements and best quality standards.
- Made from superior quality billets of our own.
- More strength and longer life.
- High yield strength coupled with good ductility and bendability
- Can be bend and re-bend around very small mandrels
- No extra precaution during welding
- Suitable for application in seismic zones
- Cost effective solution
- Promise of a world-class company
- Shortest turnaround time and fastest delivery
- Assertion of excellence and total customer satisfaction

### **Superior Products – Supreme**

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We at Vinayak believe that only core strength can give you the assurance of a solid construction. And thus, we offer the finest quality of Fe 500, Fe 500D & Fe 550D.



## VINAYAK Fe 500, Fe 500D & Fe 550D TMT BARS

STANDARD						
	BIS Standard			VINAYAK 500		
Grade	Fe 500	Fe 500D	Fe 550D	Fe 500	Fe 500D	Fe 550D
Yield Strength N/mm <sup>2</sup>	500	500	500	530-560	530-560	570-600
Tensile Strength N/mm <sup>2</sup>	545	545	600	630-695	630-695	640-690
Stress Ratio (TS/YS)	1.09	1.12	1.09	115-124	118-124	112-115
As Elongation	12	16	14.5	16-22	18-25	16-22
Total Elongation at Maximum Force %		5	5		7	
Bend &re Bend Test						
	BIS Standard			VINAYAK 500		
	Fe 500	Fe 500D	Fe 550D	Fe 500	Fe 500D	Fe 550D
Bend Up to & including 20mm Dia	4 X Dia	3 X Dia	4 X Dia	3 X Dia	2 X Dia	3 X Dia
Over 20mm Dia	5 X Dia	4 X Dia	5 X Dia	4 X Dia	3 X Dia	4 X Dia
Re Bend up to & including 10mm Dia	5 X Dia	4 X Dia	6 X Dia	4 X Dia	4 X Dia	4 X Dia
Over 10mm Dia	7 X Dia	7 X Dia	7 X Dia	6 X Dia	5 X Dia	6 X Dia
Chemical Composition(VINAYAK)						
	C% (MAX)	P% (MAX)	S% (MAX)	CR(MIN)		
Fe 500	0.250	0.050	0.035			
Fe 500D	0.250	0.040	0.035			
Fe 550D	0.250	0.040	0.040			



#### Our Mission

#### Our Vision

#### Our Values

The mission of the company is to establish itself in the steel industry as the supplier of choice for its clients and achieve the pinnacle of success.

### State of The Art Infrastructure / Production Facility:

We are the largest manufacturers in West Region. Our plant located at Dahegam, Gujarat is a bastion of technological excellence with the latest machinery, efficient, dedicated manpower & strong R & D Support. The plant produces superior quality products, using the best raw materials and the best equipment like **Induction Melting Furnaces with 25 MT capacity** and **Fully Automatic Continuous Rolling Mill with capacity of 800 MT per day.**

- Latest machinery
- Efficient and dedicated manpower
- Strong R & D support
- Superior quality products

## Vinayak TMT Bars Pvt. Ltd



This gave birth to Vinayak TMT Bars. From the beginning, Vinayak had employed about 600 people for different jobs. Further developing business, Surani Mills was established to manufacture iron pipes that had employed more than 100 people. The group also diversified in to pharmaceuticals with employee strength of more than 120. The group is always progressive mode and never stops. Currently group is expanding in various sectors while concentrating on quality. Currently group has four firms viz Vinayak TMT Bars Pvt. Ltd, Surani Steel Tubes Ltd (Phase 1 & Phase 2). The group has vision to work for the betterment of the society and keep progressing that is beneficial to all.

**Mr. Karsan Patel** studied at Kutch and Bengal, but he could not complete graduation. His first job was at the age of 17 in a small wooden factory. **After 4 years of job**, he got an opportunity to travel abroad and there he realized that he cannot live this way. He had a strong urge to work for society, return what he got from society and hence decided that he has to start his own business and help others and provide them livelihood. He got a labor contract and provided job to 430 laborers for about 2 years.

**After returning from the abroad**, he with few relatives started lumber business in India and the business is still going on. However, Karsanbhai was not satisfied and wanted to more for the society. He and 5 other got together and started a cold storage in Dahegam as there was ample production of potatoes there. The cold storage business was active for 15 years. Still not satisfied with the progress and crave to provide employment to more people he decided to start something else.



### Message to the next generation:

Keep patience, strength and high morality and do business with transparency with the aim to giving back to the society and this is the stepping stone on the path of progress.

**Jai Hind, Jai Bharat.**



## In House Lab Testing

The company boasts of the most advanced quality control department equipped with the state-of-the-art laboratory for physical and chemical testing with the latest techniques and equipment. We test many samples in every batch for yield strength and elongation and dispatch finished product only if it matches our stringent quality control criteria.

## Certificates :



Bureau Of Indian



ISO Certificate



Police Aayvas Certificate