

## Kapila TMT Bars...

## Heart of every construction!

A beautiful home is your dream. In pursuit of this dream, compromising on the choice of TMT Bars means that you are putting the safety of your family at risk. Using ordinary steel can be fatal to life.

We recommend ISI approved Kapila TMT bars. These bars are of an advanced quality compared to the other bars available in the market because we value life!

Kapila Steel. Heart of Every Construction!

### Why opt for Kapila TMT Bars?

In-depth studies have been conducted by our experts for requirements of steel based on the type of construction. In view of the on-going constructions, exclusive production by using modern technology has been the key for Kapila Steel Bars. Authenticity of products is our guarantee.

### Why is Kapila TMT Bars a reliable brand?

- | Standard ductility and up to 15% stretchable
- | High Thermal stability.  
It withstands temperatures of up to 600 degrees
- | Secured Infrastructure - covered yard, water purifying systems and RCC flooring leave no room for dust and humidity
- | Kapila Steel is durable, earthquake-resistant and fire-resistant
- | Good for small and big construction works
- | Unique quality in all bars
- | Its unique design fits well with cement and concrete
- | Loading via overhead cranes saves distribution time
- | Security measures such as tying the bars with strapped machines are undertaken
- | Raw material used is of advanced quality
- | Kapila steel is produced through Thermex technology
- | It is straight, bendable and easy to weld



## Product Specifications

Size (mm)	Weight per unit meter (Kg.)				Average Saving for Kapila Customers	Chemical Properties			Physical Properties			
	Lower Limit	Standard Weight	Upper Limit			Elements	BIS 1786:2008 Fe 500		Parameter	BIS 1786:2008		
8	0.367	0.395	0.422	0.370 - 0.395	3%	Carbon (%) Max	0.30	0.16-0.25	Yield Strength (min)N/mm <sup>2</sup>	415	500	520-565
10	0.574	0.617	0.660	0.580 - 0.617	3%	Manganese (%) Max	0.5-1.1	0.6-1.1	Tensile Strength (min)N/mm <sup>2</sup>	485	545	630-730
12	0.844	0.888	0.932	0.845 - 0.888	3%	Sulphur (%) Max	0.055	0.050	Phosphorus (%) Max	0.055	0.050	16-25
16	1.500	1.580	1.660	1.500 - 1.580	3%				Elongation % (A5)	14.5	12.0	16-25
20	2.394	2.468	2.542	2.399 - 2.468	3%							
25	3.740	3.856	3.972	3.740 - 3.856	3%							
28	4.685	4.830	4.975	—	—							
32	6.128	6.318	6.500	6.130 - 6.318	3%							

## Production Process



## Production Grades

- Available from 8 mm to 40 mm dia
- Under ISI 1786, Fe 415 & Fe 500 Grade
- ISI 1786, Approved Mark & diameter marked on each meter length
- ISO 9001:2015 Standard Company

### Kapila TMT Bars: a revolutionary product

Ability to mix with concrete boosts the life of construction of Kapila TMT Bars. It is suitable for Foundations, Columns, Beams or Slabs, ensuring that the structures built with Kapila Steel stand tall for years.

### Kapila TMT Bars are available as per your requirement

Kapila TMT bars are available from 8 mm to 40 mm diameters and can be used as per your requirement.

### Use Kapila TMT Bars and feel the difference

High demand by the distributors has proven that the customers have a good experience with Kapila TMT Bars. This results in Kapila TMT Bars being the first choice of customers.

### Kapila TMT Core



Ferite Perlite

Tempered Martensite

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Website: [www.kapilasteels.com](http://www.kapilasteels.com)



An ISO 9001:2015  
Certified Company

