

TMT BARS

Mild Steel TMT Bars, thermo mechanically treated, are the **perfect choice for clients seeking durability & strength.**

Made from **low-carbon steel**, these bars are designed to meet the highest industry standards and **exceed your expectations.**

Key Benefits:

- **Flexibility**
- **Bendability**
- **Earthquake Resistant**
- **Fire Resistance**
- **Trusted Quality**

Product Name: TMT Bars

Category: Mild Steel

Shape: Round Bars

Surface: Mill Finish

Colour: Natural Metallic Gray

Minimum Order Quantity: 01 Metric Tonne

HSN CODE: 7214

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



LOCAL ROLLED: EURO/AIC OM/SMS

IS 1786 : 2008

Length: 12 mtr

CHEMICAL COMPOSITION					
Quality	Ladle Ananlysis, Wt % Max				
	C	S	P	S + P	CE
FE 500	0.30	0.055	0.055	0.105	0.30
FE 500 D	0.25	0.040	0.040	0.075	0.42
FE 550	0.30	0.055	0.055	0.100	0.30
FE 550 D	0.25	0.040	0.040	0.075	0.42

MECHANICAL PROPERTIES			
Quality	Tensile Strength min MPa	Yield Stress min. MPa	% Elongation A, at Gauge (min)
FE 500	550	500	12.00
FE 500 D	565	500	16.00
FE 550	580	550	10.00
FE 550 D	600	550	14.50

WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 12 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 12 Meter)	Approx Running Meter Length in 1 Metric Tonne
6	0.220	2.640	379	4545
8	0.395	4.740	211	2532
10	0.617	7.404	135	1621
12	0.888	10.656	94	1126
16	1.580	18.960	53	633
20	2.470	29.640	34	405
25	3.850	46.200	22	260
28	4.830	57.960	17	207
32	6.310	75.720	13	158

Sizes Available:

6 mm to 32 mm

Dispatch Locations:

Kolkata

Durgapur

Country of Origin:

India



SAIL: STEEL AUTHORITY OF INDIA LTD.

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Sizes Available:

- EQR: 6 mm to 32 mm
- SEQR: 8 mm to 32 mm

Country of Origin:

India

Dispatch Locations:

Kolkata



Applications:

Used in a range of constructions, including:

- **High Rise Buildings**
- **Bridges**
- **Flyovers**
- **Dams**
- **Complex Infrastructures**
- **Tunnels**
- **Suspension Bridges**
- **Metro Stations**
- **Road Networks**
- **Multi Level Intersections**

