

Mechanical Data

Description	IS:1786 Fe500	Someshwar EQRS Fe500	IS:1786 Fe500D	Someshwar EQRS Fe500D
0.2% Proof Stress (Min N/Mn)	500	540	540	550
Ultimate Tensile Strength (Min N/Mn)	545	640	565	655
Total Elogation % Elogation Min	12	18	16	20
Bend	4D to 5D	3D to 4D	3D to 4D	2D to 3D
Re Bend	5D to 7D	4D to 6D	4D to 6D	3D to 5D

Chemical Data

Properties	IS:1786 Fe500	Someshwar EQRS Fe500	IS:1786 Fe500D	Someshwar EQRS Fe500D
Carbon %	0.30	0.28	0.25	0.23
Manganese %	0.45	0.50	0.50	0.55
Sulphur %	0.055	0.040	0.040	0.035
Phosphorus %	0.055	0.040	0.040	0.035
Sulphur % + Phosphorus %	0.105	0.075	0.075	0.070
CE (max)	N.A.	0.42	N.A.	0.42

Standard Size and Useful Data

Section in mm	ISI Standard Nominal Weight Kg./Mtr.	Someshwar TMT Nominal Weight Kg./Mtr.	Tolerance Limit as per ISI in Kg./Mtr.	Someshwar TMT Tolerance Limit as per ISI in Kg./Mtr.	No. of Pieces per Bundle 40 Ft.
8	0.395	0.375	0.367 - 0.423	0.370 - 0.385	15
10	0.617	0.580	0.574 - 0.660	0.575 - 0.590	10
12	0.888	0.850	0.844 - 0.932	0.845 - 0.860	7
16	1.580	1.520	1.500 - 1.659	1.510 - 1.535	4
20	2.470	2.410	2.395 - 2.544	2.400 - 2.425	2
25	3.850	3.780	3.730 - 3.965	3.740 - 3.795	1
32	6.310	6.250	6.121 - 6.499	6.190 - 6.300	1

SOMESHWAR®

TMT BARS

BUILT FOR
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FUTURE



Limo design 999868903



Dhyaavee TMT Bars Pvt. Ltd.

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Fe500 | Fe500 D | Fe550 | Fe550 D

Empowering great builder strengths through improvising Indian and German technologies, Someshwar TMT is able to manufacture highly indestructible bars. Our spectacular bars shows the properties of ductility, extra toughness, high yield tension and elongation depicting its ability to be welded. We at Someshwar TMT promises to provide ultimate strength, hence Building fortunate strengths for the nation together .

Vission

To continuously challenge past achievements and set new benchmarks as a producer of high quality steel while operating the business efficiently and effectively to deliver the ultimate in customer satisfaction and stakeholders returns.

Mission

We will make our Group a significant contributor in transforming our nation from a developing to a developed one by being a responsible corporate citizen and taking every opportunity to make this world a better place.



Product Benefits



SUPERIOR STRENGTH

The different grades of Someshwar TMT BARS are stronger than the conventional bars.



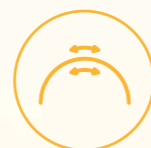
IMPROVED ELONGATION

Greater strength with higher elongation is one of the unique features of Someshwar TMT Bars.



CORROSION RESISTANT

Someshwar TMT Bars help prevent corrosion and enhance the life of the structures.



INCREASED DUCTILITY

The increased elasticity gives the bars a fantastic bending ability during construction.



SUPERIOR WELD-ABILITY

Someshwar TMT Bars, because they have low carbon equivalent content, can be used for butt / lap and other weld joints without reduction in strength at the weld joints.



HIGH LOAD RESISTANT

The high fatigue-resistant property of Someshwar TMT BARS helps in the dynamic loading on account of the high strength of the surface layer.

Quality

With the most advanced Indian technology embedded quality control Laboratory, Someshwar TMT bars are made sure of the quality through frequent testing. Chemical analysis of the material is tested to verify the BIS Fe500D grade.

We Someshwar TMT put ourselves into providing you with the best quality TMT steel bars wholeheartedly.

We use Modern Indian Technology and German EQR Technology to produce the best Earth Quake Shock resistant bars so as to ensure your safety.

With Global quality standards met, Someshwar TMT bars are safe in the constructions involving high-rise buildings, bridges and dams which are highly vulnerable to earth quakes, our distinctive technologies help reduce these impact in bigger folds.

Our strong and secured logistical network makes it much easier to distribute to your specified location hassle-free. Our pioneered team with expertise in industrial technologies is able to manufacture the best-in-class TMT bars with utmost ductility and durability.

Technology

At Someshwar TMT, we use the most advanced Indian Technology in order to ensure the high quality and strength of our steel bars.

Our R&D team use computerised procedure to ensure consistent accuracy in every part of the production, where in contrast to other companies which recurrently use out dated methods, we promise best quality in the market using our modern technologies.