

SHIVA^{TMX}

SHIVA TMX

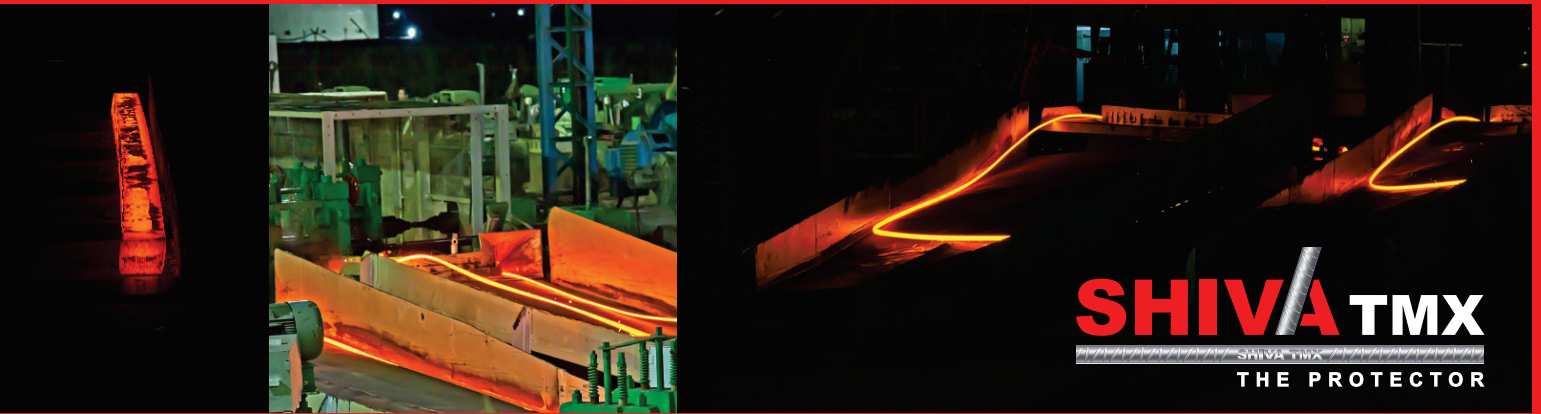
THE PROTECTOR



SHIVA TMX

THERMEX[®]
QST TECHNOLOGY





COMPANY INTRODUCTION

S.S.Industries is manufacturer of Reinforcement Steel Bars from 6mm to 32mm sizes. The unit is based at Sihor, a hub of steel rolling mills in Gujarat since 2010. Today company is a prominent player in the market.

Our strength is early anticipation and faster response. It is an inherent strength that gives us the time and space to innovate, to think laterally and to make the most of the technical opportunities.

Committed team of professionals run our enterprise who believes that evolution and revolution is the edifice on which their accomplishment stands. We use latest technology to manufacture TMT bars through German Thermax QST Technology with minimum energy use per ton and help to make India GREENER. The manufacturing plant is fully automated.

AIM

“Quality First Priority”

VISION

At S.S.Industries we are committed to manufacture quality products, which provide long lasting strength to modern Indian infrastructure. Our strategy is to work as partners with our consumers and local distributors, to have a strong understanding for mutual and society's benefit.



WHY SHIVA TMX ?

Earthquake Resistant

High strength, high ductility and high bendability make SHIVA TMX Bars greatly earthquake resistant. Owing to these features, SHIVA TMX Bars are highly recommended even in the seismic zones 3, 4 and 5.

Corrosion Resistant

All the harsh quality tests performed for chemical analysis of the bars during various stages of production ensure that SHIVA TMX Bars are highly corrosion resistant.

Fire Resistance

SHIVA TMX Bars are capable of taking heat up to 500° C and thus are highly Fire Resistant.

Significant Saving in Cost of Steel

Considering the saving in usage of steel and longer durability along with other excellent features such as Earthquake and Corrosion Resistance, SHIVA TMX Bars are very cost effective.

Bendability

The bendability greatly surpassing the ISI standards makes SHIVA TMX Bars highly capable of sustaining massive strain under great pressure, which makes them greatly earthquake resistant.

Weldability

Manufactured with the maximum limit of carbon of 0.25%, SHIVA TMX Bars demonstrate high weldability without weakening at the joints. The time and cost of pre and post-heating is also saved.

Accurate

Excellent workmanship, state-of-the-art manufacturing process, dependency on the best production equipment and top-notch testing makes SHIVA TMX Bars greatly accurate.



MECHANICAL DATA

Description	IS:1786 Fe500	SHIVA TMX Fe500	IS:1786 Fe500D	SHIVA TMX 500D
0.2% Proof Stress (min N/mm ²)	500	540	500	550
Ultimate tensile Strength (min N/mm ²)	545	640	565	655
Total Elongation % Elongation 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	SHIVA TMX Fe500	IS:1786 Fe500D	SHIVA TMX Fe500D
Carbon %	0.30	0.25	0.25	0.22
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.	SHIVA TMX Nominal Weight Kg./ Mtr.	Tolerance Limit as per ISI in Kg./ Mtr.	SHIVA TMX Tolerance Limit 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
28	4.830	4.750	4.685 - 4.975	4.700 - 4.800	1
32	6.310	6.250	6.121 - 6.499	6.190 - 6.300	1



S S INDUSTRIES

Works : Survey No. 23/1, 23/2, GIDC-4, Sihor, Dist. Bhavnagar-364240, Gujarat, India.

Phone : 9825204467, 9825206687 E-mail : info@shivatmt.com www.shivatmt.com