





JSW Steel Plant, Vijayanagar Works, Karnataka  
India's leading integrated steel company



12

1720

About JSW Group	6
About JSW Steel	8
JSW Neosteel	11
Advantages -JSW Neosteel	12
Manufacturing Process	14
JSW Neosteel Fe 500D & Fe 550 D	16
Technical Specification JSW Neosteel Fe 500D & Fe 550D	17
JSW Neosteel EDS TMT Bars	18
Advantages JSW Neosteel EDS Bars	19
Technical Specification - JSW Neosteel EDS Bars	21
TMT Rebar Corrosion Resistance Steel (CRS)	23
Technical Specification -TMT Rebar CRS	24
Product Range -Vijayanagar	28
JSW Neosteel – All Grades Technical Specification- Vijayanagar	30
Product Range – Dolvi	35
JSW Neosteel – All Grades Technical Specification- Dolvi	37
BIS and JSW Rebar Weight per meter	40
Landmark Structures Reinforced with JSW Neosteel	44
Sales Office	50

## Meet JSW

---

The US\$ 23 billion JSW Group is ranked among India's leading business houses. JSW's innovative and sustainable presence in various sectors including Steel, Energy, Infrastructure, Cement, Paints, Venture Capital and Sports is helping the Group play an important role in driving India's economic growth. The Group strives for excellence by leveraging its strengths & capabilities including a successful track-record of executing large capital-intensive & technically complex projects, differentiated product-mix, state-of-the-art manufacturing facilities and greater focus on pursuing sustainable growth.

It also has a strong social development focus aimed at empowering local communities residing around its Plant & Port locations. JSW Group is known to create value for all its stakeholders by combining its growth roadmap, superior execution capabilities and a relentless drive to be **#BetterEveryday**.



---

40000+

People

---

300+

Offices

---

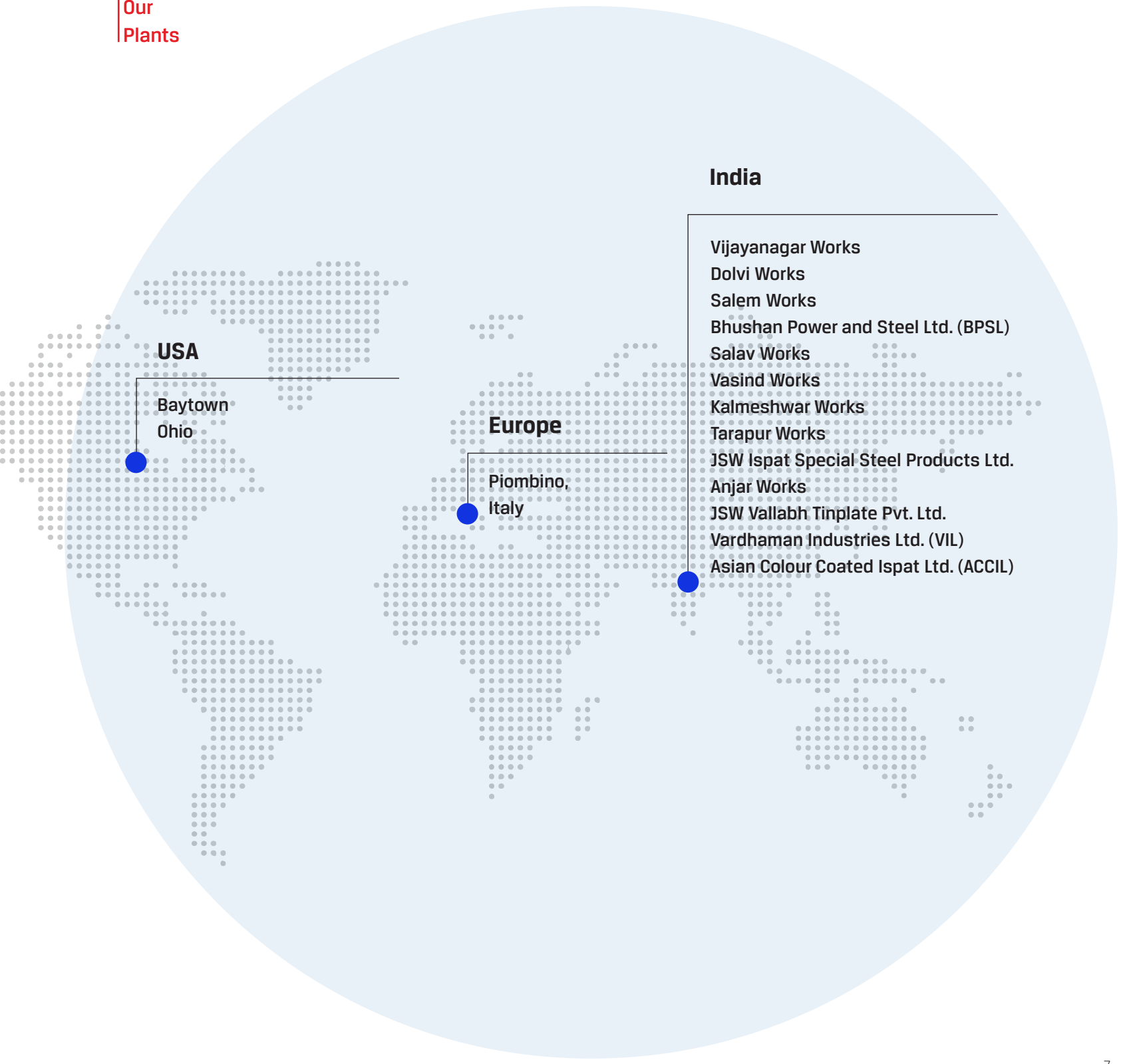
16

Plants

---

4

Continents



**USA**

Baytown  
Ohio

**Europe**

Piombino,  
Italy

**India**

- Vijayanagar Works
- Dolvi Works
- Salern Works
- Bhushan Power and Steel Ltd. (BPSL)
- Salav Works
- Vasind Works
- Kalmeshwar Works
- Tarapur Works
- JSW Ispat Special Steel Products Ltd.
- Anjar Works
- JSW Vallabh Tinplate Pvt. Ltd.
- Vardhaman Industries Ltd. (VIL)
- Asian Colour Coated Ispat Ltd. (ACCIL)

## Meet JSW Steel

---

JSW Steel is the flagship business of the diversified, US\$ 23 billion JSW Group. As one of India's leading business houses, JSW Group also has interests in energy, infrastructure, cement, paints, sports, and venture capital. JSW Steel has emerged as an organization with a strong cultural foundation. It is certified by Great Places to Work (2021 and 2022) as well as ranked as one of the Best Employers among Nation Builders (2023). Over the last three decades, it has grown from a single manufacturing unit to become India's leading integrated steel company with a capacity of 29.7 MTPA in India and the USA (including capacities under joint control). Its next phase of growth in India will take its total capacity to 38.5 MTPA by FY25. The Company's manufacturing unit in Vijayanagar, Karnataka is the largest single-location steel-producing facility in India with a capacity of 12.5 MTPA.

JSW Steel has always been at the forefront of research and innovation. It has a strategic collaboration with global leader JFE Steel of Japan, enabling JSW to access new and state-of-the-art technologies to produce and offer high-value special steel products to its customers. These products are extensively used across industries and applications including construction, infrastructure, automobile, electrical applications, and appliances.

JSW Steel is widely recognized for its excellence in business and sustainability practices. Some of these recognitions include World Steel Association's Steel Sustainability Champion (consecutively from 2019 to 2022), Leadership Rating (A) in CDP climate change disclosure (2022), Deming Prize for TQM for its facilities at Vijayanagar (2018), and Salem (2019). It was part of the Dow Jones Sustainability Index (DJSI) for Emerging Markets during 2021 and included in the S&P Global's Sustainability Yearbook (consecutively for 2020 and 2021). In December 2022, JSW Steel was ranked 8th among the top 35 world-class steelmakers, according to the 'World-Class Steelmaker Rankings' by World Steel Dynamics (WSD), based on a variety of factors. As a responsible corporate citizen, JSW Steel's CO2 emission reduction goals are aligned with India's Climate Change commitments under the Paris Accord.





JSW Steel Plant, Vijayanagar Works, Karnataka



## About JSW Neosteel

JSW Neosteel TMT Bars are one of India's leading TMT brands, known for their high quality and consistency. JSW Neosteel offers peace of mind not only to millions of house builders but also to leading infrastructure and commercial project companies across the world. JSW Neosteel TMT Bars manufactured through blast furnance route (BF-LHF-Billets-BRM-TMT) that ensures purity and premium quality. The state of art and world class bar rod mills used for production of JSW Neosteel are supplied from Danieli, Italy and Morgan, USA.

Manufactured from virgin iron ore in state-of-the-art rolling mills, every single running foot of JSW Neosteel TMT bars is free from impurities and has uniform properties.

Available in 500D, 550D, 600,550D EDS etc



Easy Weldability



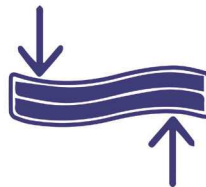
Easy Bendability



Higher Corrosion  
Resistance



Superior Siesmic  
Resistance



Higher Fatigue  
Resistance



Pathway to Perfection

## Advantages

---



- **Highest Level of Purity**  
Manufactured from iron ore, JSW Neosteel TMT bars have the highest grade of purity and lowest sulphur and phosphorous content, making it strong.



- **Consistent Quality**  
The HYQST technology ensures a uniform quality across the bar. The proof is a perfect ring that can be seen across any cross-section of the bar.



- **Best Bonding with cement - Best in Industry / Enhanced ribs**  
In case of RCC members, the tensile stresses from concrete are transferred to the steel reinforcement bars. The high tensile strength of steel complements the high compressive strength of concrete to result in a stable and safe Reinforced Cement Concrete structure.



- **Transparent Pricing**  
JSW Neosteel End Consumer Price, promotes transparency and uniformity of value across the state.

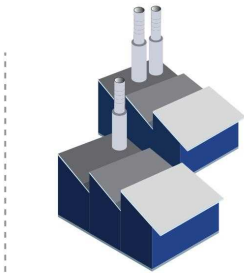


JSW Neosteel Fe 500D are Premium High strength TMT re-bars with the best UTS/YS ratio resulting in highly ductile performance of the bars. This allows for highest percentage elongation of bars under service loads thereby making them suitable for construction in areas prone to high seismic activity.

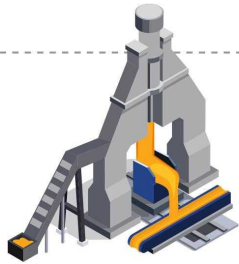
JSW Neosteel Fe 550D are super premium high strength and high ductility TMT re-bars typically used in construction of ordinary residential & commercial projects, infrastructure projects and in earthquake prone areas due to a high value of percentage elongation.

A more ductile and flexible TMT bar is important for increased protection of structure from earthquakes. When a TMT bar is flexible it can withstand the shocks of earthquake much better than an ordinary TMT bar. Higher flexibility allows TMT bar to bend without breaking at loads higher than yield strength, but below the tensile strength of the TMT Bars.

Extra ductility of the JSW Neosteel EDS bars allows it to bend much more without breaking.



SINTER PLANT



BLAST FURNACE



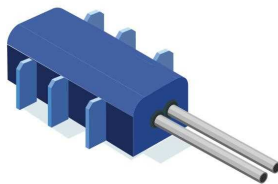
CONARC FURNACE



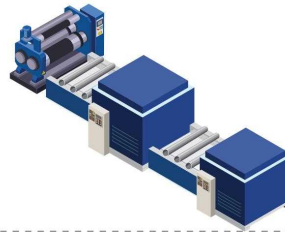
LADLE HEATING FURNACE



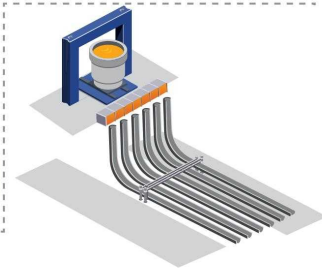
TMT BARS



THERMO MECHANICAL  
TREATMENT



BAR ROD MILL



BILLET CASTER

JSW Neosteel Fe 500D are Premium High strength TMT re-bars with the best UTS/YS ratio resulting in highly ductile performance of the bars. This allows for highest percentage elongation of bars under service loads thereby making them suitable for construction in areas prone to high seismic activity.

JSW Neosteel Fe 550D are super premium high strength and high ductility TMT re-bars typically used in construction of ordinary residential & commercial projects, infrastructure projects and in earthquake prone areas due to a high value of percentage elongation.

A more ductile and flexible TMT bar is important for increased protection of structure from earthquakes. When a TMT bar is flexible it can withstand the shocks of earthquake much better than an ordinary TMT bar. Higher flexibility allows TMT bar to bend without breaking at loads higher than yield strength, but below the tensile strength of the TMT Bars.

Extra ductility of the JSW Neosteel EDS bars allows it to bend much more without breaking.





**Technical Specification JSW Neosteel  
Fe 500 D & Fe 550 D**

**Mechanical Properties**

Product	YS (Mpa) (Min)	UTS (Mpa) (Min)	UTS / YS (Min)	%EL (Min)	Total %EL at Max Forces	Dia (mm)
JSW Neosteel Fe 500 D	500	565	1.10	16	5	8 - 40
JSW Neosteel Fe 550 D	550	600	1.08	14.5	5	8 - 40

**Chemical Properties**

Product	% C (Max)	% P (Max)	% S (Max)	CE (Max)	% S + P (Max)	Nitrogen (ppm)
Fe 500 D	0.25	0.04	0.04	0.51	0.075	120
Fe 550 D	0.25	0.04	0.04	0.61	0.075	120



JSW Neosteel EDS TMT Bars are strong and flexible TMT bars. JSW Neosteel EDS bars are made from grade Fe 550D grade, which make them strong. Special chemistry and post rolling treatment is used to make these bars more ductile and thus are more flexible than regular TMT bars.

EDS is best suitable for structural design for an earthquake prone zone due to a combination of higher strength and ductility. Its high UTS/YS ratio of 1.15 minimum ensures a higher energy absorption capacity.

Key Features :

- Pure Steel gives enhanced strength with durability
- Best in class Rib Pattern with highest AR value that bonds best with cement
- Consistent quality across the bar – HYQST ensures a uniform quality which can be seen as concentric rings in the cross-section of the bar
- Used in Earthquake resistant Structures
- Easy Weldability due to low carbon content
- Anti-Corrosive
- Easy Bendability due to inherent microstructure with soft ferrite and pearlite core
- Higher Fatigue resistance for cyclic load conditions
- Green Steel from Zero Effluent discharge plant - Green pro certified

**Did You Know?**



————— The landmark structure - Yamuna Expressway is reinforced with JSW Neosteel

## Advantages

---



- Absorbs Higher Earthquake Energy

JSW Neosteel EDS is designed to have higher UTS to YS ratio (1.15 :1.08) compared to ordinary bars. This allows JSW Neosteel EDS to plastically deform to much larger extent. Hence JSW Neosteel EDS will absorb the higher energy than ordinary bars in case of an earthquake.



- Extra Ductile bars

extra ductility allows JSW Neosteel EDS rebar to bend without breaking, which means the bars will not break when the building/ structure shakes from earthquake



- High strength

Earthquake may generate stresses that exceed the Yield Strength(YS) of the bar. To prevent collapse of buildings, when the stress exceeds Yield Strength (YS), it should not exceed Ultimate Tensile Strength (UTS). JSW Neosteel EDS has high UTS higher than ordinary TMT to provide extra protection in case of powerful earthquake.



### Mechanical Properties

Product	YS (Mpa) (Min)	UTS (Mpa) (Min)	UTS / YS (Min)	%EL (Min)	Total %EL at Max Forces	Dia (mm)
Fe - 500 D EDS	530	630	1.15	18	7	8 - 40
Fe - 550 D EDS	580	680	1.15	18	7	8 - 40

### Chemical Properties

JSW Neosteel Extra Ductile Steel - EDS	% C (Max)	% P (Max)	% S (Max)	CE (Max)	% S + P (Max)	Nitrogen (ppm)
Fe - 500 D EDS	0.25	0.04	0.04	0.51	0.075	120
Fe - 550 D EDS	0.25	0.04	0.04	0.61	0.075	120

#### Did You Know?



JSW Neosteel can be bent into customized shape in spite of having very high strength due to its inherent microstructure with soft ferrite and pearlite core.

NEOSTEEL

550 D

25

L6C989

NEOSTEEL

550 D

25

JSW NEOSTEEL

550 D

25

High strength corrosion resistant TMT re-bars are typically used in construction in coastal areas, areas with the high salinity in the air, industrial areas, construction of marine structures and in areas with high acid content in the air. JSW Neosteel CRS Grades: Fe 500D CRS, Fe 550D CRS, Fe 600 CRS & Fe 650 CRS are available.

## Advantages

---

- Longer Life
- Lowest Cost over the Life Span
- Higher weldability than ordinary Rebars
- More flexibility
- High Yield Strength coupled with higher ductility and bendability
- Better Fire Resistance
- Increased life expectancy of Structures 1.5 to 1.7 times
- Better Performance in Seismic Zones

**Technical Specification**  
**Corrosion Resistance Steel (CRS)**

**Chemical Composition**

Product	%C (Max)	%S (Max)	%P (Max)	%S+P (Max)	%N (Max)	CE (Max)	Cr+Cu+Ni+Mo+P (Min)
JSW Neosteel Fe 550 D CRS*	0.15	0.040	0.12	-	0.012	0.55	0.50
JSW Neosteel Fe 600 CRS*	0.15	0.040	0.12	-	0.012	0.55	0.50
JSW Neosteel Fe 650 CRS*	0.15	0.040	0.12	-	0.012	0.55	0.50

"In all the above CRS grades we are adding an additional amount of Cu (0.20 to 0.25%) & Cr (0.45 to 0.55%)"

**Mechanical Composition**

Product	YS (Min) Mpa	UTS (Min) Mpa	UTS / YS (Min)	% El (Min)	% T El (Min)
JSW Neosteel Fe 550 D CRS*	570	630	1.10	16	7
JSW Neosteel Fe 600 CRS*	620	680	1.08	11	-
JSW Neosteel Fe 650 CRS*	670	720	1.08	11	-

\*Values meets the requirement of IS 1786:2008, Amnd No.4, however the actual results will have improved values which will be reflected in MTC









JSW Steel Plant, Vijayanagar Works, Karnataka  
India's leading integrated steel company

### Rolling Capability

Grade	Diameter Range (mm)
Fe 550 D	8 - 40
Fe 600	8 - 40
Fe 500 D CRS	8 - 40
Fe 550 D CRS	8 - 40
Fe 500 D EDS	8 - 40
Fe 550 D EDS	8 - 40

Maximum weight / mt :  $\pm 2\%$  max  
Bundle weight max : 4.5MT



Chemical Composition						
Product	%C	%Mn	%Si	%P	%S	CE
IS 1786 Fe 500 D	0.25 max	-	-	0.040 max	0.040 max	0.50 max
JSW Neosteel Fe 500 D	0.20 - 0.23	0.55 - 0.70	0.10 - 0.40	0.035 max	0.035 max	0.31-0.36
IS 1786 Fe 550 D	0.25 max	-	-	0.040 max	0.040 max	0.61 max
JSW Neosteel Fe 550 D	0.25 max	0.75 - 0.90	0.10 - 0.40	0.035 max	0.035 max	0.31-0.38
IS 1786 Fe 550 D EDS	0.25 max	-	-	0.040 max	0.040 max	0.61 max
JSW Neosteel Fe 550 D EDS	0.25 max	0.75 - 1.00	0.35 - 0.45	0.035 max	0.035 max	0.31-0.40
IS 1786 Fe 500 D CRS	0.15 max	-	-	0.12 max	0.040 max	0.50 max
JSW Neosteel Fe 500 D CRS	0.11 - 0.14	0.70 - 0.80	0.25 max	0.080-0.10	0.015-0.025	0.40 max
IS 1786 Fe 550 D CRS	0.15 max	-	-	0.12 max	0.040 max	0.61 max
JSW Neosteel Fe 550 D CRS	0.11 - 0.14	0.70 - 0.85	0.25 max	0.080-0.10	0.015-0.025	0.40 max
IS 1786 Fe 600 CRS	0.15 max	-	-	0.12 max	0.040 max	0.040 max
JSW Neosteel Fe 600 CRS	0.11 - 0.13	0.90 - 0.95	0.25 max	0.080-0.10	0.015-0.025	0.40 max

(All CRS Grades , JSW NEOSTEEL Range: Cu : 0.20-0.25%, Cr: 0.45-0.55%)

**Did You Know?**



JSW Neosteel conforms to Indian, American, British and Australian Standards. It also meets specific customer requirements with a supply of customized products and ensures the availability of expert services in product application and end use.

## Mechanical Properties

Product	Yield Strength N / mm <sup>2</sup> (min.)	Tensile Strength N / mm <sup>2</sup> (min.)	UTS / YS Ratio	% El (min.)
IS 1786 Fe 500 D	500	565	1.10 min	16
JSW Neosteel Fe 500 D	530	610	1.13 min	18
IS 1786 Fe 550 D	550	585	1.08 min	14.5
JSW Neosteel Fe 550 D	580	650	1.13 min	16
IS 1786 Fe 550 D EDS	550	585	1.08 min	14.5
JSW Neosteel Fe 550 D EDS	580	650	1.15 min	16
IS 1786 Fe 500 D CRS	500	565	1.13 min	16
JSW Neosteel Fe 500 D CRS	530	610	1.13 min	18
IS 1786 Fe 550 D CRS	550	585	1.08 min	14.5
JSW Neosteel Fe 550 D CRS	580	650	1.13 min	18
IS 1786 Fe 600 CRS	600	660	1.06 min	10
JSW Neosteel Fe 600 CRS	620	690	1.10 min	18

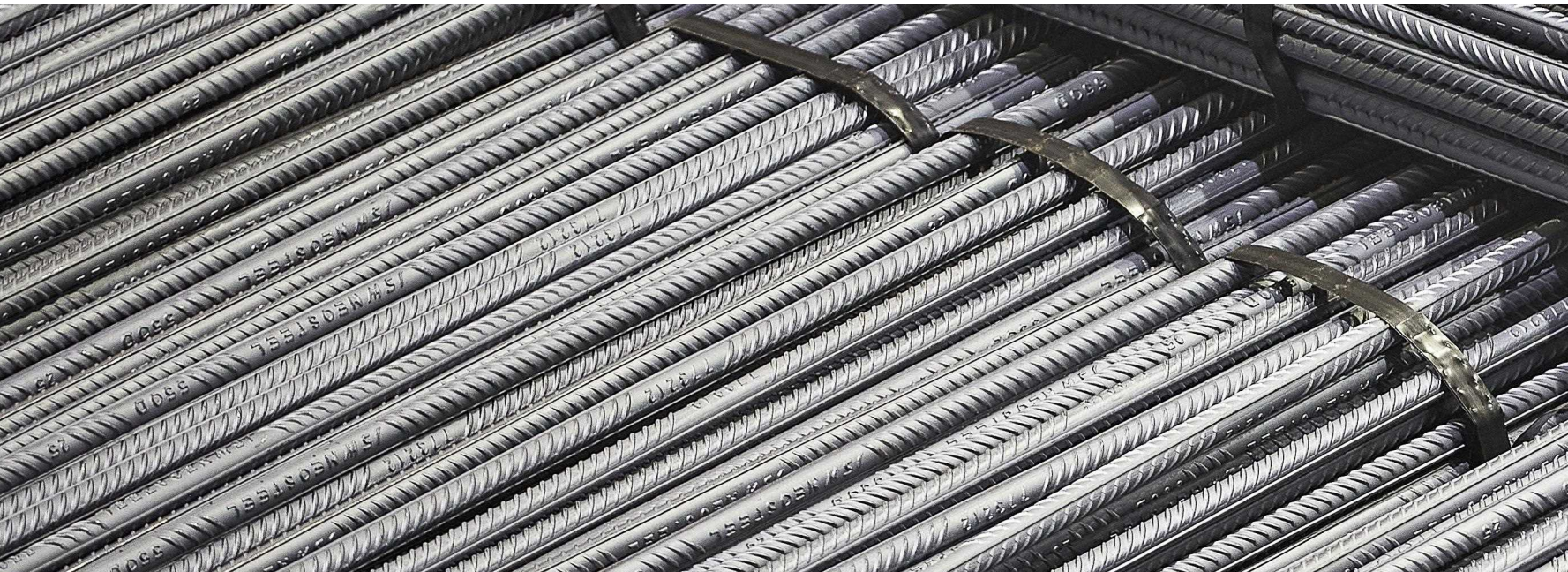
### Did You Know?



Manufactured from iron ore, JSW Neosteel TMT bars have the highest grade of purity and lowest sulphur and phosphorous content, making it strong.

**Bend Properties**

Product	Mandrel Diameter Up to & incl. 20mm	Mandrel Diameter over 20mm
IS 1786 Fe 500 D	3d	4d
JSW Neosteel Fe 500 D	3d	4d
IS 1786 Fe 550 D	4d	5d
JSW Neosteel Fe 550 D	4d	5d
IS 1786 Fe 550 D EDS	4d	5d
JSW Neosteel Fe 550 D EDS	4d	5d
IS 1786 Fe 500 D CRS	3d	4d
JSW Neosteel Fe 500 D CRS	3d	4d
IS 1786 Fe 550 D CRS	4d	5d
JSW Neosteel Fe 550 D CRS	4d	5d
IS 1786 Fe 600 CRS	5d	6d
JSW Neosteel Fe 600 CRS	5d	6d





## Re - Bend Properties

Product	Mandrel Diameter Up to & incl. 10mm	Mandrel Diameter over 10mm
IS 1786 Fe 500 D	4d	6d
JSW Neosteel Fe 500 D	4d	6d
IS 1786 Fe 550 D		
JSW Neosteel Fe 550 D	6d	7d
IS 1786 Fe 550 D EDS	6d	7d
JSW Neosteel Fe 550 D EDS	6d	7d
IS 1786 Fe 500 D CRS	4d	6d
JSW Neosteel Fe 500 D CRS	4d	6d
IS 1786 Fe 550 D CRS	6d	7d
JSW Neosteel Fe 550 D CRS	<b>6d</b>	<b>7d</b>
IS 1786 Fe 600 CRS	7d	8d
JSW Neosteel Fe 600 CRS	7d	8d





### Rolling Capability

Grade	Diameter Range (mm)
Fe 500 D	8 - 40
Fe 550 D	8 - 40
Fe 500 D CRS	8 - 40
Fe 550 D CRS	8 - 40
Fe 600 CRS	8 - 32
Fe 600*	8 - 32
Fe 500 D EDS	8 - 25
Fe 550 D EDS	8 - 25

\*Under Development

Chemical Composition							
Product	%C (Max)	%P (Max)	%S (Max)	%S+P (Max)	CE (Max)	%Cr+Cu+Ni+Mo+P (Min)	Nitrogen (ppm) Max
Fe 500 D As per IS 1786:2008	0.25	0.040	0.040	0.075	0.50	-	-
JSW Neosteel 500 D	0.23	0.030	0.030	0.060	0.50	-	-
Fe 550 D As per IS 1786:2008	0.25	0.040	0.040	0.075	0.61	-	-
JSW Neosteel 550 D	0.23	0.030	0.030	0.060	0.61	-	-
Fe 500 D CRS As per IS 1786:2008	0.25	0.040	0.040	-	0.50	0.40	-
JSW Neosteel 500 D CRS	0.23	0.030	0.030	-	0.50	0.40	-
Fe 550 D CRS As per IS 1786:2008	0.25	0.040	0.040	-	0.61	0.40	-
JSW Neosteel 550 D CRS	0.23	0.030	0.030	-	0.61	0.40	-
Fe 600 CRS As per IS 1786:2008	0.30	0.040	0.040	-	-	0.40	-
JSW Neosteel 600 CRS	0.23	0.030	0.030	-	-	0.40	-
Fe 500 D EDS As per IS 13920:2016*	0.25	0.040	0.040	0.075	0.50	-	120
JSW Neosteel 500 D EDS	0.24	0.030	0.030	0.060	0.50	-	100
Fe 550 D EDS As per IS 13920:2016*	0.25	0.040	0.040	0.075	0.61	-	120
JSW Neosteel 550 D EDS	0.24	0.030	0.030	0.060	0.61	-	100
Fe 600 As per IS 1786:2008	0.30	0.040	0.040	0.075	-	-	-
JSW Neosteel 600	0.30	0.030	0.030	0.060	-	-	-

\*Ductile Design & Detailing of Reinforced Concrete Structures subjected to Seismic Forces-Code of Practice

**Did You Know?**



JSW Neosteel EDS is specially designed for earthquake prone zones and has more resistance to earthquakes and shocks due to combination of higher strength and ductility. Its high UTS/ YS ratio of 1.15 minimum ensures higher energy absorption in the event of earthquake.

## Mechanical Properties

Product	Yield Strength N / mm <sup>2</sup> (min.)	Tensile Strength N / mm <sup>2</sup> (min.)	UTS / YS Ratio	% El (min.)	% T El (min.)
Fe 500 D As per IS 1786:2008	500	565	1.10	16	5
JSW Neosteel 500 D	530	595	1.12	16	5
Fe 550 D As per IS 1786:2008	550	600	1.08	14.5	5
JSW Neosteel 550 D	580	630	1.08	15	5
Fe 500 D CRS As per IS 1786:2008	500	565	1.10	16	5
JSW Neosteel 500 D CRS	530	595	1.12	16	5
Fe 550 D CRS As per IS 1786:2008	550	585	1.08	14.5	5
JSW Neosteel 550 D CRS	580	630	1.10	15	5
Fe 600 CRS As per IS 1786:2008	600	660	1.06	10	-
JSW Neosteel 600 CRS	630	690	1.08	10	-
Fe 500 D EDS As per IS 13920:2016*	500	565	1.15	14.5	5
JSW Neosteel 500 D EDS	530	630	1.15	18	7
Fe 550 D EDS As per IS 13920:2016*	550	600	1.15	14.5	5
JSW Neosteel 550 D EDS	570	670	1.15	17	7
Fe 600 As per IS 1786:2008	600	660	1.06	10	-
JSW Neosteel 600	630	690	1.06	10	-

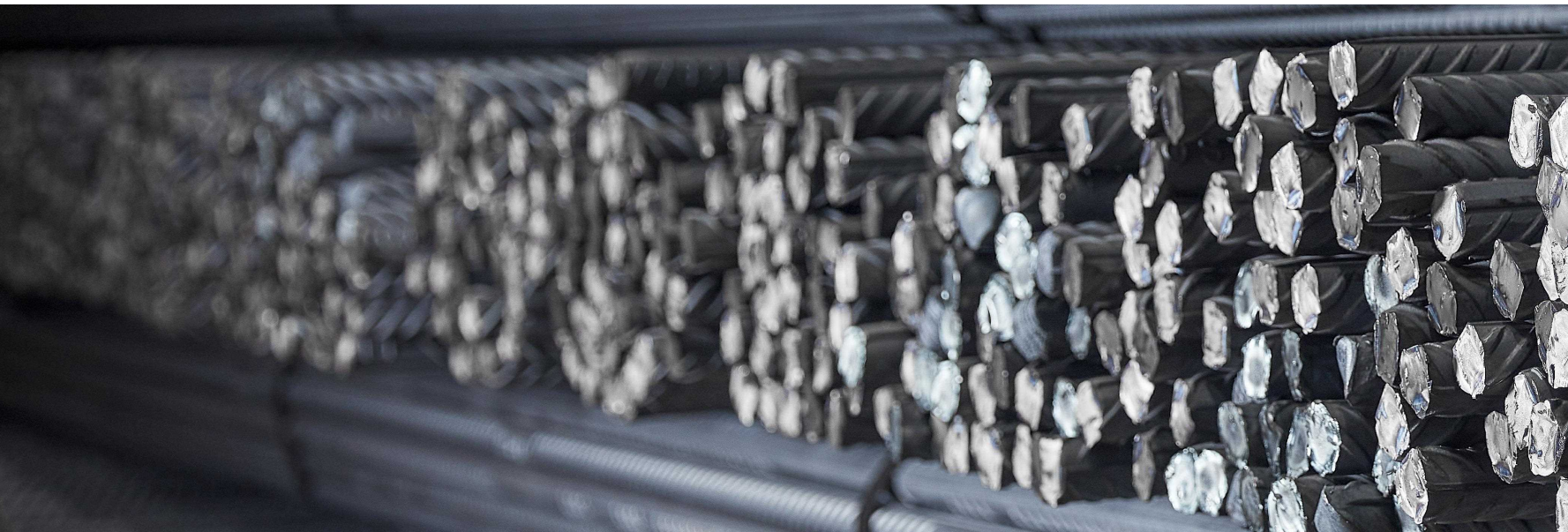
### Did You Know?



JSW Neosteel is excellent in cyclic loading situations due to uniform & critically designed rib pattern.

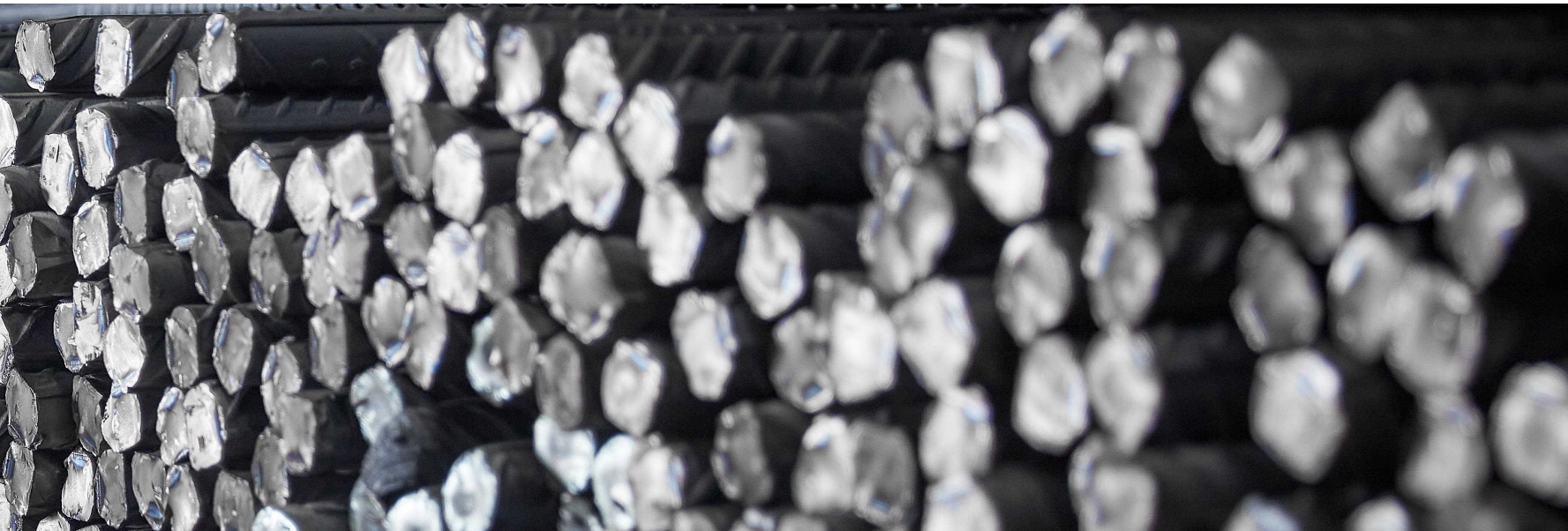
**Bend Properties**

Product	Mandrel Diameter Up to & incl. 20mm (max)	Mandrel Diameter over 20mm (max)
Fe 500 D As per IS 1786:2008	3d	4d
JSW Neosteel 500 D	3d	4d
Fe 550 D As per IS 1786:2008	4d	5d
JSW Neosteel 550 D	4d	5d
Fe 500 D CRS As per IS 1786:2008	3d	4d
JSW Neosteel 500 D CRS	3d	4d
Fe 550 D CRS As per IS 1786:2008	4d	5d
JSW Neosteel 550 D CRS	4d	5d
Fe 600 CRS As per IS 1786:2008	5d	6d
JSW Neosteel 600 CRS	5d	6d
Fe 500 D EDS As per IS 13920:2016*	4d	5d
JSW Neosteel 500 D EDS	4d	5d
Fe 550 D EDS As per IS 13920:2016*	4d	5d
JSW Neosteel 550 D EDS	4d	5d
Fe 600 As per IS 1786:2008	5d	6d
JSW Neosteel 600	5d	6d



## Re - Bend Properties

Product	Mandrel Diameter Up to & incl. 10mm (max)	Mandrel Diameter over 10mm (max)
Fe 500 D As per IS 1786:2008	4d	6d
JSW Neosteel 500 D	4d	6d
Fe 550 D As per IS 1786:2008	6d	7d
JSW Neosteel 550 D	6d	7d
Fe 500 D CRS As per IS 1786:2008	4d	6d
JSW Neosteel 500 D CRS	4d	6d
Fe 550 D CRS As per IS 1786:2008	6d	7d
JSW Neosteel 550 D CRS	6d	7d
Fe 600 CRS As per IS 1786:2008	7d	9d
JSW Neosteel 600 CRS	7d	9d
Fe 500 D EDS As per IS 13920:2016*	6d	7d
JSW Neosteel 500 D EDS	6d	7d
Fe 550 D EDS As per IS 13920:2016*	6d	7d
JSW Neosteel 550 D EDS	6d	7d
Fe 600 As per IS 1786:2008	7d	9d
JSW Neosteel 600	7d	9d



## BIS & JSW Rebar Weight per meter

### Mechanical Properties

Normal size mm	Sectional Weight in IS:1786 (kg/m) (BIS)				Aim JSW Sectional Weight (kg/m)		
	Nominal	Minimum	Maximum	Total (+/-)	Minimum	Maximum	Total (+/-)
6	0.222	0.206	0.237	7%	0.206	0.222	- 7 /+0%
8	0.395	0.367	0.432	7%	0.367	0.395	- 7 /+0%
10	0.617	0.574	0.660	7%	0.574	0.617	- 7 /+0%
12	0.888	0.844	0.932	5%	0.845	0.888	- 5 /+0%
16	1.58	1.500	1.658	5%	1.505	1.580	- 5 /+0%
20	2.47	2.392	2.540	3%	2.40	2.470	- 3 /+0%
25	3.85	3.738	3.970	3%	3.74	3.850	- 3 /+0%
28	4.83	4.685	4.975	3%	4.685	4.830	- 3 /+0%
32	6.31	6.130	6.503	3%	6.14	6.310	- 3 /+0%
36	7.99	7.750	8.230	3%	7.76	7.990	- 3 /+0%
40	9.86	9.560	10.160	3%	9.58	9.860	- 3 /+0%





Control panel with multiple red indicator lights and ventilation slots.

T  
24

S

Handwritten markings on a pillar, including the number 97895001 and other illegible text.





## Landmark Structures Reinforced with JSW Neosteel

### ROADS



Yamuna Expressway



Nashik Elevated Corridor Project



## AIRPORTS



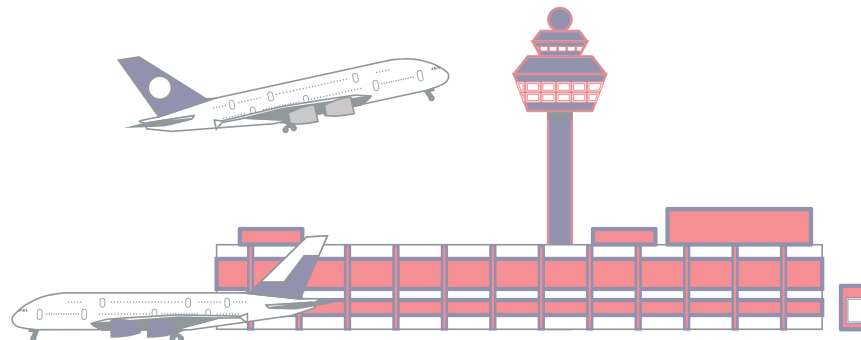
T2, CSIA, Mumbai Airport



Bengaluru International Airport



T3, Delhi International Airport



## Landmark Structures Reinforced with JSW Neosteel

### ROADS



Mumbai Monorail



Mumbai Metro



Bengaluru Metro



Chennai Metro

**STRUCTURES**



Mumbai ATC Tower



Lodha World Towers, Mumbai



Wankhede Stadium



## Landmark Structures Reinforced with JSW Neosteel

### PLANTS & INSTITUTIONS



Chandrapur Power Plant



Kakarapar Atomic Power Station Project, Gujarat



Madras Institute of Orthopaedics and Traumatology (MIOT)



Mangalore Petro Refinery



## PLANTS & INSTITUTIONS



Kakinada Power Plant



Kalapakkam Atomic Power Station



Vallur Thermal Power Station Project, Chennai



Kattupalli Shipyard Project

**AHMEDABAD**

JSW steel Ltd.  
Office No 501/502,Mondeal  
Height B-Wing, Lascon Cross road  
Near Novotel Hotel  
Opp Karnavati Club  
S.G.Highway  
Ahmedabad -380054  
Mb:08128833390

**AURANGABAD**

JSW steel Ltd  
Office no 306,3rd floor,05/1  
A,B,C East Beside ,Prozone Mall  
Chikaitana MIDC  
Aurangabad

**BANGALORE**

JSW steel ltd  
The Estate , Nest to Manipal Centre  
9th Floor,East wing ,121,  
Dickenson road  
Bangalore-560042  
Tel ( 08042448888)

**BHUBANESWAR**

JSW steel Ltd  
JSS STP ,2nd Floor , Block B  
Infocity, Chandrasekharpur E -1/1  
Bhubaneswar-751024  
Tel: 0674-6658904

**CHENNAI**

JSW Steel Ltd  
5th Floor ,South Tower 2  
Harrington road  
Chetpet,  
Chennai-600031  
Tel :0732532158

**COIMBATORE**

JSW Steel Ltd.  
211, 2nd Floor, Sathya Complex,  
ESR Avenue Nr Post office,  
TV Swamy Road (East),  
Coimbatore - 541002

**DELHI**

JSW Steel Ltd.  
4<sup>th</sup>Floor, NTH Complex,  
A-2, Shaheed Jeet Singh Marg,  
Qutub Institutional Area,  
New Delhi - 110067  
Tel: (011) 48178600

**FARIDABAD**

JSW Steel Ltd.  
Nain Sadan, Sector 20A,  
Plot No- 35,  
Near EF3 Mall,  
Faridabad - 121001  
Tel: (0129) 2239248, 2232387

**GUWAHATI**

JSW Steel Ltd.  
6th Floor, Unique Avenue,  
Front Side,  
Opp. Fire Station,  
Super Market,  
Dispur, Guwahati - 781 005,

**HUBLI**

JSW Steel Ltd,  
2nd Floor, Signature Mall,  
Airport Road,  
Gokul Road,  
Hubli - 580030

**HYDERABAD**

JSW Steel Ltd.  
Babu Khan Millenniums Centre,  
7<sup>th</sup> Floor, Somajiguda,  
Hyderabad -500082  
Tel : (040) 27846669 / 79

**INDORE**

JSW Steel Ltd.  
Bloc No: 22,23,24,  
Scheme no. 54,  
Princess Business  
Sky Park,  
Commercial, opp. Orbit,  
AB Road,  
Indore - 452010  
Tel: (0731) 2532156 to 59

**JAIPUR**

JSW Steel Ltd.' 3rd floor, 304-307,  
Signature Tower,  
Behind Police HQ,  
Lal kothi,  
Tonk Phatak,  
Jaipur- 302015 (Rajasthan)  
Tel: (0141) 4629200

**KANPUR**

JSW Steel Ltd.  
2ndFloor, 14/75,  
Plot No. 1, Gopal Vihar,  
Civil Lines, Kanpur - 208001

**KOCHI**

JSW Steel Ltd.  
34/138L3, New No 41/150A3,  
2nd Floor,  
Above Dhe Puttu Restaurant  
Service Road  
NH By-pass  
Edapally, Kochi ,  
Kerala 682024

**KOLKATA**

JSW Steel Ltd.  
Godrej Waterside,  
101<sup>st</sup> Floor, Tower - 1  
Unit No 1003,  
Plot- DP-5 Sector V,  
Salt Lake City  
Kolkata - 700091  
Tel : (033) 40002020

**LUDHIANA**

JSW Steel Ltd.  
3<sup>d</sup> Floor, SCO 7-8,  
Canal Colony,  
Firoz Gandhi Market,  
Pakhawal Road,  
Ludhiana - 141008  
Tel.: (0161) 6611700

**MUMBAI**

JSW Steel Ltd  
JSW Centre ,Bandra Kurla Complex  
Bandra East  
Mumbai-400051  
Mb: 022-42863000

**NAGPUR**

JSW Steel Ltd.  
L&T Building,  
3<sup>rd</sup> Floor (Back Side),  
Plot No: 12,  
Shivaji Nagar,  
Nagpur: 440 010

**NAVI MUMBAI**

JSW Steel Ltd.  
1101-1102 a 1704-1707,  
17<sup>th</sup> Floor,  
Plot No. 4 a 6,  
Greenscape Cyber One,  
Sector 30 A, Vasi,  
Navi Mumbai - 400 705  
Tel : 022 69337000

**NOIDA**

JSW Steel Ltd.  
Trapezoid, C-27,  
91<sup>st</sup> Floor,  
Sector-62, Noida,  
Uttar Pradesh

**PATNA**

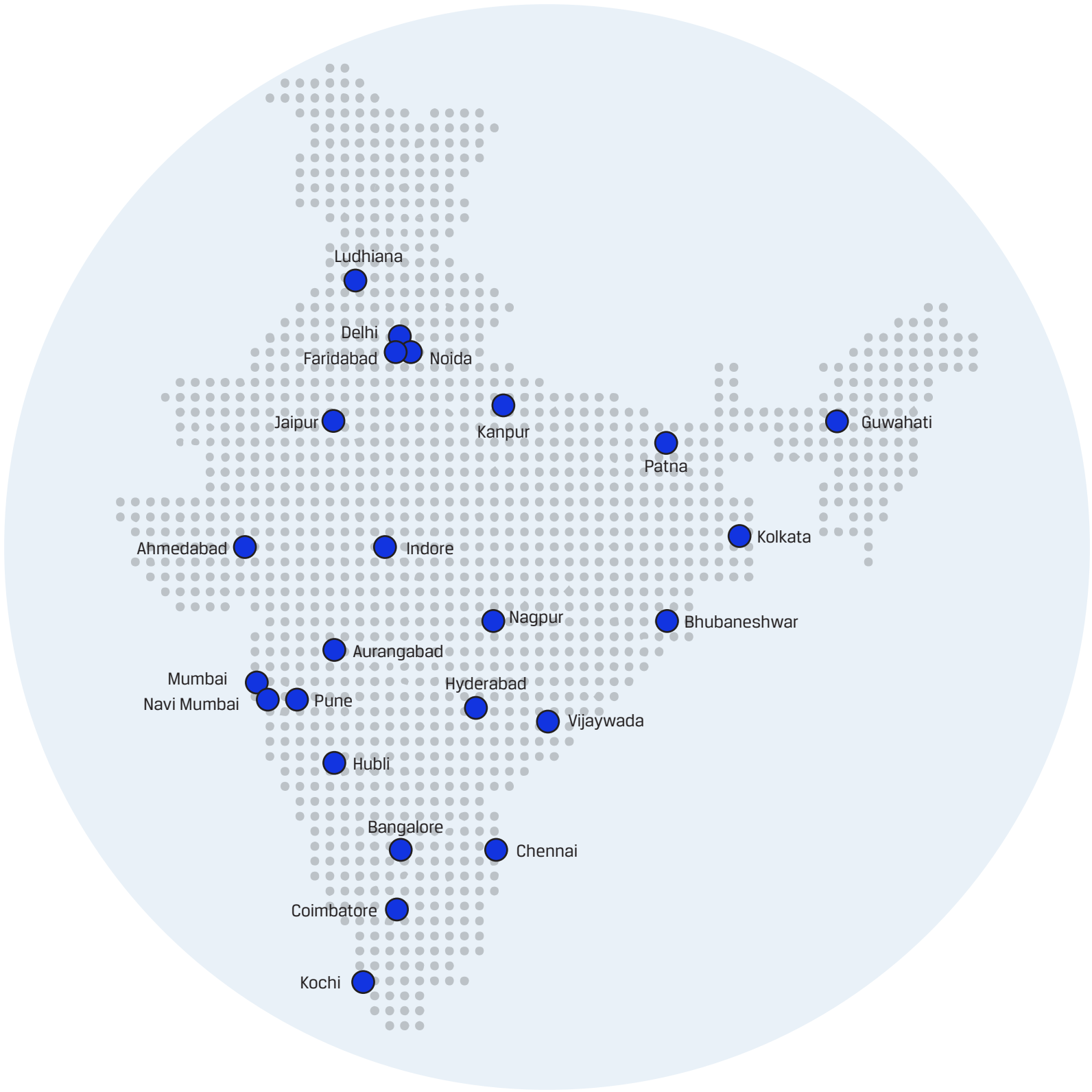
JSW Steel Ltd.  
Sai Tower, 3<sup>d</sup> Floor,  
Rekha House,  
New Oak Banglow Road,  
Patna - 800 001  
Tel.: 0612 - 6696205

**PUNE**

JSW Steel Ltd.  
EPI Centre, 2nd Floor,  
CST No 4/6,  
Above Royal Enfield Showroom,  
Shivajinagar,  
Wakadewadi,  
Pune - 411005  
Tel: (020) 66662300

**VIJAYWADA**

JSW Steel Ltd  
VRN House Corporate,  
2nd Floor, 3  
8-4-12, Opp All India Radio,  
Beside MG Road,  
Punnamma Thota,  
Vijaywada - 520010









Head Office:

JSW Centre, Bandra Kurla Complex,  
Bandra (E), Mumbai - 400 051, India  
Tel.: +91 22 42861000  
[www.jswsteel.in](http://www.jswsteel.in)



Scan here for website



Scan here for brochure