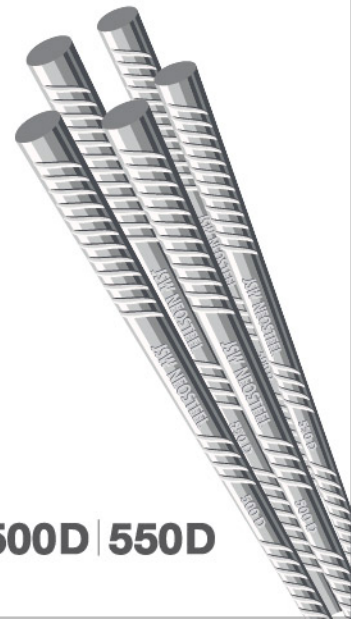


JSW **NEOSTEEL**
PURE TMT BARS

Kyunki ghar bhi toh
family hai





WORLD-CLASS STEEL MAKER

Ranked 6th by World Steel Dynamics in June 2015.



LEADING PRIMARY STEEL PRODUCER

JSW Steel has a production capacity of 14.3 MTPA.



STATE-OF-THE ART TECHNOLOGY

JSW Steel plants have the latest technology from the world.

JSW NEOSTEEL BENEFITS



HIGHEST LEVEL OF PURITY

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



CONSISTENT QUALITY ACROSS THE BAR

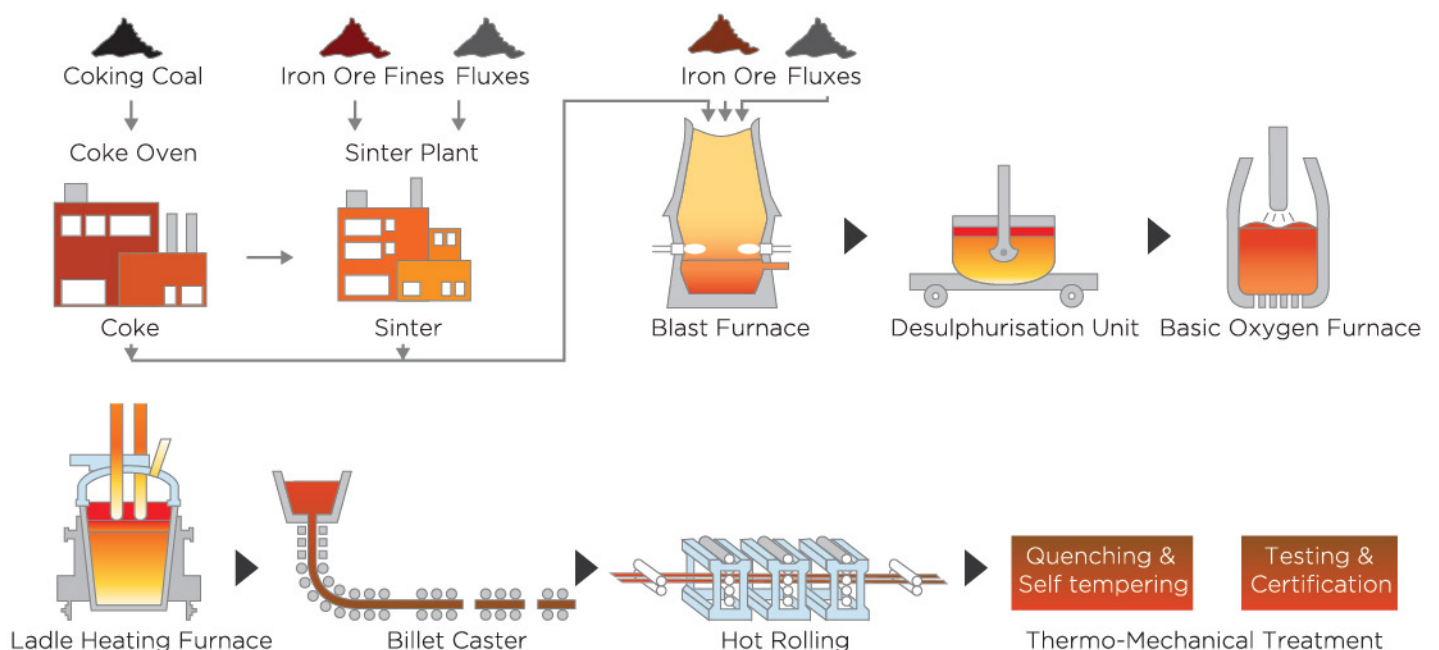
Our HYQST technology ensures a uniform quality across the bar. The proof is a perfect ring that can be seen across any cross-section of the bar.



BEST BONDING WITH CEMENT

Well-defined ribs that exceed the standard AR value specifications, ensuring better bonding with cement.

PROCESS ROUTE



TECHNICAL SPECIFICATIONS

JSW NEOSTEEL Pure TMT Bars are made in grades designated as Fe-500D and Fe-550D as per IS : 1786-2008 for concrete reinforcement.

Chemical Composition

	%C (max)	%Mn (max)	%Si (max)	%P (max)	%S (max)	CE (max)
JSW NEOSTEEL Fe 500D	0.23	1.00	0.40	0.03	0.03	0.4
JSW NEOSTEEL Fe 550D	0.23	1.00	0.40	0.03	0.03	0.4
IS 1786 Fe500D	0.25	-	-	0.04	0.04	0.42
IS 1786 Fe550D	0.25	-	-	0.04	0.04	0.42

*Typical values for 95% of heat

Mechanical Properties

	Yield Strength N/mm ² (min.)"	Tensile Strength N/mm ² (min.)	UTS/YS Ratio	% El (min.)
JSW NEOSTEEL Fe 500D	520	600	1.15	18
JSW NEOSTEEL Fe 550D	570	630	1.1	16
IS 1786 Fe500D	500	565	1.1	16
IS 1786 Fe550D	550	585	1.08	14.5

*Typical values for 95% of heat

Chemical Composition:

	Mandrel Diameter Upto and including 10 mm	Mandrel Diameter Over 10 mm
JSW NEOSTEEL Fe 500D	4d	6d
JSW NEOSTEEL Fe 550D	6d	7d
IS 1786 Fe500D	4d	6d
IS 1786 Fe550D	6d	7d

*d: nominal size for piece in mm

Re-bend Properties

	Mandrel Diameter Upto and including 10 mm	Mandrel Diameter Over 10 mm
JSW NEOSTEEL Fe 500D	4d	6d
JSW NEOSTEEL Fe 550D	6d	7d
IS 1786 Fe500D	4d	6d
IS 1786 Fe550D	6d	7d

*d: nominal size for piece in mm

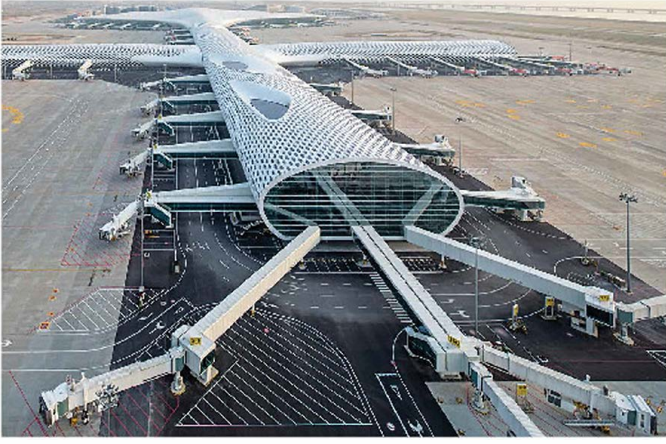
Product Range and Nominal Weight

Nominal size (mm)	Weight per meter (kg)	Nominal size (mm)	Weight per meter (kg)
8	0.395	25	3.85
10	0.617	28	4.83
12	0.888	32	6.31
16	1.58	36	7.99
20	2.47	40	9.86

*Supplies will be in line with weight tolerances as per IS:1786-2008

JSW NEOSTEEL CRS BARS AVAILABLE ON ORDER

PRESTIGIOUS PROJECTS



AIRPORT PROJECTS



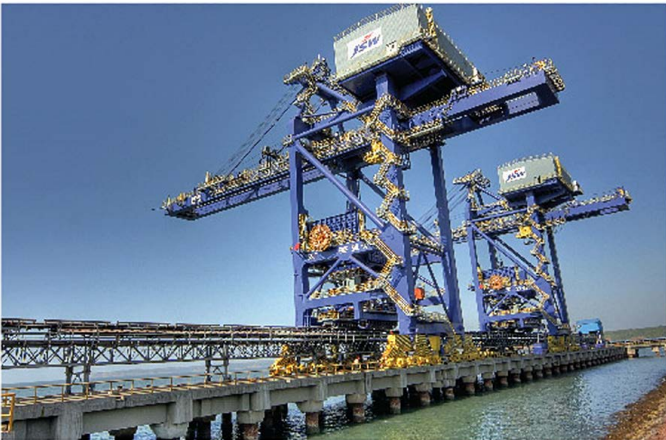
YAMUNA EXPRESSWAY



JAWAHARLAL NEHRU STADIUM



METRO PROJECTS



KATTUPALLI SHIPYARD



ATOMIC POWER PLANT