

MECHANICAL PROPERTIES									
STANDARD	GRADE	0.2% Proof Stress/ Yield Stress (N/MM2)		Tensile Strength (N/MM2)		%E(MIN)	Total Elongation at Maximum Force (MIN)	Bend & Re-Bend TEST	
		Min	Max	Min	Max			Upto & Including 20mm	Over 20mm
IS 1786:2008	FE 500	500	-	545	-	12.0	-	4 Ø	5 Ø
	FE 500D	500	-	565	-	16.0	5	3 Ø	4 Ø
	FE 550	550	-	585	-	10.0	-	5 Ø	6 Ø
	FE 550D	550	-	600	-	14.5	5	4 Ø	5 Ø

CHEMICAL PROPERTIES															
STANDARD	GRADE	%C (MAX.)	%MN (MAX.)	%SI (MAX.)	%P (MAX.)	%S (MAX.)	%P+%S (MAX.)	%N (MAX.)	%AL (MIN.)	%CU (MAX.)	%NB (MAX.)	%V (MAX.)	%B (MAX.)	%TI (MAX.)	CEQ (MAX.)
											ADDED SINGLY OR IN COMBINATION				
IS 1786:2008	Fe 500	0.30	1.55	0.45	0.055	0.055	0.105	0.012	-	-	0.30				0.530
	Fe 500D	0.25	1.55	0.45	0.040	0.040	0.075	0.012	-	-	0.30				0.530
	Fe 550	0.30	1.55	0.45	0.050	0.055	0.100	0.012	-	-	0.30				0.530
	Fe 550D	0.25	1.55	0.45	0.040	0.040	0.075	0.012	-	-	0.30				0.530
BRISKON TMT	Fe 500	0.25	1.55	0.45	0.050	0.050	0.095	0.012	-	-	0.30				0.530
	Fe 500D	0.25	1.55	0.45	0.040	0.040	0.079	0.012	-	-	0.30				0.530
	Fe 550	0.25	1.55	0.45	0.045	0.050	0.095	0.012	-	-	0.30				0.530
	Fe 550D	0.25	1.55	0.45	0.040	0.040	0.070	0.012	-	-	0.30				0.530

DIMENSIONS PARAMETERS					
STANDARD	NOMINAL SIZE (MM)	MASS PER METER (KG)	CROSS SECTION AREA (MM2)	TOLERANCE ON THE NOMINAL MASS	
				BATCH	INDIVIDUAL SAMPLE
IS 1786:2008	4	0.154	12.60	± 7 %	-8%
	5	0.099	19.60	± 7 %	-8%
	6	0.222	28.30	± 7 %	-8%
	8	0.395	50.30	± 7 %	-8%
	10	0.617	78.60	± 7 %	-8%
	12	0.888	113.10	± 5 %	-6%
	16	1.580	201.20	± 5 %	-6%
	20	2.470	314.30	± 3 %	-4%
	25	3.850	491.10	± 3 %	-4%
	28	4.830	615.80	± 3 %	-4%
	32	6.310	804.60	± 3 %	-4%



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आपका सपना है किंमती **Briskon TMT**

Steel Usually Represents Strength But It Can Be Corroded And Weak. What We Aim To Do, With This Venture, Is Serve Trust Along With The Strength Of Our Steel Bars. Our Aim To Create TMT Steel Bars Of A Quality That Is Internationally Competent And Create A New Class Of Customers Who Are More Aware And So, Satisfied With What They Are Buying. Our Extensive R&d Envisions And Targets The Inculcation Of International Standards And Techniques In Rendering The Best Quality To Our Products. Manufacturing **Briskon TMT** Bar as per BIS : 1786-2008 standard with widest range from 6mm to 40 mm.



EQR RESISTANCE



RUST RESISTANCE



SUPER BENDABILITY



BEST QUALITY



STRONGEST

FEATURES :

- Made From 100% Billets
- Less Than 0.25% Of Carbon In Its Contents
- Formidable Bendability
- Formed With Respect To The Guidelines Of Isi 1786
- Affordable Prices
- Ultimate Bonding With Concrete
- Earthquake Shock Bearing And Resisting Capacity Because Of Exceptional Bendability
- Corrosion And Rust Proof
- Constant Quality Check During And Post Production