

Forged Rounds

VIZAG TMT RE-BARS



30 YEARS
VIZAG
STEEL
Pride of Steel

ISO 9001-2008
ISO 14001-1998
OHSAS 18001

Produced from fully killed steel :

Size (mm)	Sectional Wt. (Range) Kg/m	Size (mm)	Sectional Wt. (Range) Kg/m
8	0.363 to 0.426	22	2.891 to 3.069
10	0.567 to 0.666	25	3.735 to 3.966
12	0.835 to 0.941	28	4.685 to 4.975
16	1.501 to 1.659	32	6.121 to 6.499
18	1.940 to 2.060	36	7.750 to 8.230
20	2.396 to 2.544		

Specifications :

Grade : Conforming to
Constructional : IS : 1786 - 1985

Standard	Grade	Remarks	Yield Strength (N / mm ²) min	UTS (N / mm ²) min	% Elongation min
IS : 1786-1985	Fe 415	-	415	485	14.5
IS : 1786-1985	Fe 500	-	500	545	12
IS : 1786-1985	Fe 550	-	550	585	8
Re-bars with corrosion resistant elements	CRM	Cu+Cr+P = 0.75% min	415	485	14.5
	HSCRM	Cu+Cr+P = 0.75% min	500	545	12

Note : Sizes 8,10 and 12 mm are not regularly rolled in Fe 550 Grades

Tolerance as per
IS : 1786 - 1985

Length : 12 meters in general, can also be supplied
in 9 meters on mutual agreement

Special Features :

- Low carbon content and made from fully killed steel.
- Higher yield strength, Ultimate tensile strength and higher percentage elongation when compared to cold twisted bars of same grade.
- Easy bendability, weldability and excellent ductility ensures economy and safety of use.
- In-built ability to resist loss of strength at higher temperature.
- Require less energy for bending and re-bending along with superior reverse bending properties.
- Can be butt welded or lap-welded.
- Use of Fe-500 grade results in saving more than 15% in steel consumption when compared to cold twisted bars.
- Higher corrosion resistance and seismic resistance compared to CTD.
- Ideally suited for any type of concrete structure.

Packing : Bare, in strapped bundles / piles weighing 7 to 8 metric tonnes approximately.
Invoicing : As per actual weight.
Quantity & Shipment : On mutually agreed terms