

TMT Rebar – SteelLink

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We sell all type of TMT bar from 8mm to 40 mm diameter from primary and secondary producer. Reinforcement bars are used generally in construction projects.

Basically there are 3 Qualities in bars:-

◆ **CTD : Cold Twisted Deformed Bars** ◆ **TOR : Tor – 40** ◆ **TMT : Thermo-Mechanically Treated Bars**

CTD & TOR-40 :

CTD & TOR -40 are old forms of reinforcement bars but are now obsolete because CTD name itself suggests that it is “cold twisted deformed” bars. And it is twisted when it is cold, which leads to surface crack which makes the product more prone to corrosion. TMT Bars are much easily available and is of superior quality than CTD & TOR-40.

TMT Bars:

Representation of TMT bars is done by its diameter. For e.g.: 8mm TMT bar means diameter of that bar is 8mm.



TSizes:

Following are the sizes available in Reinforcement bars:

Diameter (in mm): 8, 10, 12, 16, 18, 20, 25, 28, 32, 40.

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	18
Re-Bars with corrosion resistant element	CRM	Cu+Cr+P = 0.75 % min	415	485	14.5
	HSCRM	Cu+Cr+P = 0.75 % min	500	545	12
Earth Quake resistance	EQR				14.5