

Produced by STELMOR controlled-cooling process from fully killed steel.

Diameter Range (mm) :

5.5	6	6.5	7	*7.5	8	*9	10	*11	12	12.7	*13	14
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*A Navratna Company*

## WIRE ROD COILS

### Specifications :

#### Grade

#### Conforming to

Wire drawing

: IS : 7887 GR.3 & GR.5 - 1992  
ASTM A 510 M (SAE 1008/1010/1012/1015/1018)

Construction / Structural

: IS 2062 E250A - 2006

Wire rods are manufactured in special steel grades also for various applications like Coldheading. Tyre-bead, Cable armouring, Electrodes, Pre-stressed Concrete wire etc.,

Tolerance as per

IS : 7887 - 1992

IS : 1852 - 1985

'Not regularly rolled





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### Upcoming Products

5.5 to 20 mm &  
20.64 mm in Coils

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### Special Features:

- o Stelmor cooling process ensures uniform grain size, and desired metallurgical and mechanical properties.
- o Tungsten carbide rings in pre-finishing and finishing Morgan blocks ensure excellent surface finish and rigid dimensional tolerance.
- o High pressure compactors with automatic tying retain tight and proper coil shape

**Packing** : Bare, tied coils of approx. 1.2 metric tonnes weight, Coil OD 1250 mm max., ID 725 mm max., height 1400 mm max.

**Invoicing** : As per actual weight.

**Quantity & Shipment** : On mutually agreed terms.

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	40	9.564 to 10.156

#### Length

Uniform 12 meters, can also be supplied in 9/12 meters on mutual agreement

#### Tolerance as per

IS : 1786 - 2008



### Specifications :

#### Grade

Constructional

#### Conforming to

: IS : 1786 - 2008

Standard	Grade	Remarks	Yield Strength (N/mm <sup>2</sup> ) min	UTS (N/mm <sup>2</sup> )min	% Elongation min
IS : 1786- 2008	Fe 415	-	415	485	14.5
IS : 1786-2008	Fe 500	-	500	545	12
IS : 1786-2008	Fe 550	-	550	585	8
IS : 1786-2008	Fe 500D	-	500	565	16
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