



## STANDARD

## CLASSIFICATION

## FEATURES

**UNI EN 10263-4: 2017**

Non Alloy Steel Wire Rod For Conversion to Wire - wire rod for specials applications

*Non Alloy Steel*

**28B2 - Nr. 1.5510**

Structural pressure vessel and engineering steels with C < 0,5%

## CHEMICAL ANALYSIS

C	Si	Mn	P	S	Cr	Other
from 0,25 to 0,30	0,30 max	from 0,60 to 0,90	0,025 max	0,025 max	0,30 max	-
Mo	Ni	B	Cu	Al	Pb	
-	-	from 0,0008 to 0,005	0,25 max	-	-	

## MECHANICAL PROPERTIES

Diameter		As Hot Rolled (+U) or Rolled and peeled (+U +PE)		Annealed (+AC) or Annealed + Peeled (+AC +PE)		Cold Drawn (+U +C)		Cold Drawn and Annealed (+U +C +AC)		Cold Drawn then Annealed and Skin passed (+U +C +AC + LC)		Annealed and Cold Drawn (+AC +C)	
from	to	Rm (Mpa) max	Z (%) min	Rm (Mpa) max	Z (%) min	Rm (Mpa) max	Z (%) min	Rm (Mpa) max	Z (%) min	Rm (Mpa) max	Z (%) min	Rm (Mpa) max	Z (%) min
2	5	-	-	-	-	-	-	510	66	550	64	-	-
5	10	630	60	520	64	720	55	500	66	540	64	610	59
10	25	630	60	520	64	710	55	500	66	540	64	600	59

In case of specific needs, contact our sales offices to evaluate feasibility and agree on the values of Rm.

## EQUIVALENT STEEL GRADES

EUROPE (EN)	GERMANY (DIN, WNr)	FRANCE (AFNOR)	ITALY (UNI)	CHINA (GB)	FINLAND (SFS)	INTERN (ISO)
28B2	28B2	20N3	-	-	-	-
USA (SAE)	JAPAN (JIS)	UK (BS)	SPAIN (UNE)	SWEDEN (SS)	RUSSIA (GOST)	
-	SWRCHB 26	-	-	-	-	

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