



STANDARD

CLASSIFICATION

FEATURES

UNI EN 10263-2: 2017

C15C - Nr. 1.0234

Non Alloy Steel Wire Rod For Conversion to Wire - general purpose wire rod

Non Alloy Steel

Steels with average 0,25% = < C < 0,55% or 500 MPa
=< Rm < 700 MPa

CHEMICAL ANALYSIS

C	Si	Mn	P	S	Cr	Other
from 0,13 to 0,17	0,10 max	from 0,35 to 0,60	0,025 max	0,025 max	-	-
Mo	Ni	B	Cu	Al	Pb	
-	-	-	-	from 0,020 to 0,060	-	

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	-	-	-	-	-	-	370	72	410	68	-	-
5	10	460	58	400	68	550	56	360	72	400	68	470	63
10	40	460	58	400	68	540	56	360	72	400	68	460	63
40	100	460	58	400	68	-	-	-	-	-	-	-	-

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)
C15C	QST38-3	-	-	-	-	-
USA (SAE)	JAPAN (JIS)	UK (BS)	SPAIN (UNE)	SWEDEN (SS)	RUSSIA (GOST)	
-	SWRCH15A	-	-	-	-	

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