



## STANDARD

## CLASSIFICATION

## FEATURES

<b>EN ISO 16120-4:2017</b>		<b>C8D2 - Nr. 1.1113</b>
Steel rod, bars and wire for cold heading and cold extrusion	<i>Non Alloy Quality Steel</i>	Other structural steels (Not intended for heat treatment with Rm < 500 MPa )

## CHEMICAL ANALYSIS

C	Si	Mn	P	S	Cr	Other
from 0,06 to 0,10	0,30 max	from 0,30 to 0,50	0,02 max	0,025 max	0,10 max	N - 0,007 max
Mo	Ni	B	Cu	Al	Pb	
0,05 max	0,10 max	-	0,15 max	0,01 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	60	-	-	-	-	-	-	-	-	-	-	-	-

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)
C8D2	C8D2	FM 8	C 8 D 2	-	-	-
USA (SAE)	JAPAN (JIS)	UK (BS)	SPAIN (UNE)	SWEDEN (SS)	RUSSIA (GOST)	
-	-	-	-	-	-	

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