Giuseppe & F.lli Bonaiti s.r.l.
a Socio unico
FILO DI ACCIAIO

C32D — Nr. 1.0530

GENERAL PURPOSE STEEL

STANDARD

UNI EN ISO 16120-2:2017
Steel rods, bars and wire for cold heading and cold extrusion - steels for quenching and tempering

CLASSIFICATION

Alloy special steel

FEATURES

C32D - Nr. 1.0530
B, Mn-B Mn < 1.65 %

CHEMICAL ANALYSIS

C	Si	Mn	P	S	Cr	Other
from 0,30 to 0,35	from 0,10 to 0,30	from 0,50 to 0,80	0,030 max	0,030 max	0,20 max	-

Mo	Ni	B	Cu	Al	Pb
0,05 max	0,25 max	-	0,30 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)
C32D	C32D	FM 32	C 32 D	-	-	-

USA (SAE)	JAPAN (JIS)	UK (BS)	SPAIN (UNE)	SWEDEN (SS)	RUSSIA (GOST)
-	SWRH 32	-	-	-	-

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