



PITTINI

**HIGH CARBON
WIRE ROD**

G3V42

Drawing and galvanizing, for cable armouring and high tensile wire.

MECHANICAL AND SIZE CHARACTERISTICS

EN ISO 16120-4	C42D2
Rm	700 – 750 MPa
Weight (Approx.)	2.500 Kg

CHEMICAL COMPOSITION

Limits	C%	Mn%	Si%	P%	S%	Cr%
min	0,40	0,50	0,15	-	-	-
max	0,44	0,70	0,25	0,020	0,025	0,10



G3V72

Drawing and cold rolling, for production of wire for springs and strands.

MECHANICAL AND SIZE CHARACTERISTICS

EN ISO 16120-4	C72D2
Rm	1.020 – 1.120 MPa
Weight (Approx.)	2.500 Kg

CHEMICAL COMPOSITION

Limits	C%	Mn%	Si%	P%	S%	Cr%
min	0,70	0,45	0,15	-	-	-
max	0,74	0,65	0,30	0,020	0,020	0,10



G3V80

Drawing of wire for pre-stressed concrete strands.

MECHANICAL AND SIZE CHARACTERISTICS

EN ISO 16120-4	C80D2
Rm	1.140 – 1.230 MPa
Weight (Approx.)	2.500 Kg

CHEMICAL COMPOSITION

Limits	C%	Mn%	Si%	P%	S%	Cr%
min	0,78	0,60	0,15	-	-	-
max	0,82	0,80	0,30	0,020	0,025	0,20



G3V82

Drawing of wire for pre-stressed concrete strands and for railway.

MECHANICAL AND SIZE CHARACTERISTICS

EN ISO 16120-4	C82D2
Rm	1.140 – 1.230 MPa
Weight (Approx.)	2.500 Kg

CHEMICAL COMPOSITION

Limits	C%	Mn%	Si%	P%	S%	Cr%
min	0,80	0,60	0,15	-	-	-
max	0,84	0,80	0,30	0,020	0,025	0,25

