

 **PITTINI**



**WIRE ROD FOR CONCRETE
REINFORCEMENT**

FE41 STA (SAE 1008 Mesh Quality) GVD/A

Drawing and cold rolling for production of concrete reinforcing.

MECHANICAL AND SIZE CHARACTERISTICS FE41 STA

Standard	ASTM A 510M - SAE 1008
Rm	≤ 480 MPa
Weight (Approx.)	2.700 Kg

MECHANICAL AND SIZE CHARACTERISTICS GVD/A

Standard	EN ISO 16120
Rm	≤ 470 MPa
Peso (Approx.)	2.500 Kg

CHEMICAL COMPOSITION

		C%	Mn%	Si%	P%	S%	Ceq%
FE41 STA	max	0,10	0,50	0,15	0,040	0,050	0,30
GVD/A	max	0,09	0,55	0,15	0,050	0,050	0,30



SAE 1010 (Mesh Quality)

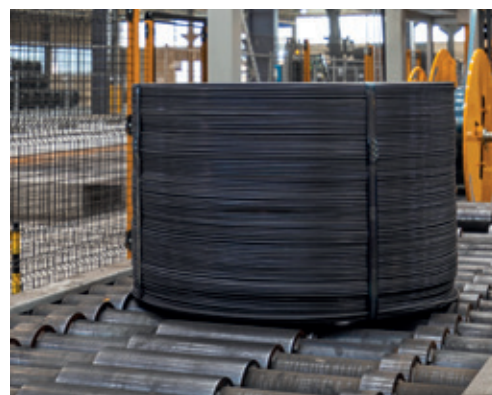
Drawing and cold rolling for production of concrete reinforcing.

MECHANICAL AND SIZE CHARACTERISTICS

EN ISO 16120-4	SAE 1010
Rm	≤ 500 MPa
Weight (Approx.)	2.500 Kg

CHEMICAL COMPOSITION

Limits	C%	Mn%	Si%	P%	S%	Cu%
max	0,13	0,60	0,20	0,040	0,050	0,50





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**WIRE ROD
FOR DRAWING**

FE34 + B | G3V5/B

Deep drawing and cold rolling.

MECHANICAL AND SIZE CHARACTERISTICS

Standard	ASTM A 510M SAE 1005 - SAE 1006 - EN ISO16120-3 C4D1
Rm	≤ 370 MPa
Weight (Approx.)	2.500 Kg

CHEMICAL COMPOSITION

Limits	C%	Mn%	Si%	P%	S%	B%
max	0,05	0,35	0,10	0,025	0,025	0,010



FE37 + B | G3V8/B

Drawing and cold rolling, suitable for hot dip galvanizing.

MECHANICAL AND SIZE CHARACTERISTICS

Standard	EN ISO 16120-2 C4D
Rm	≤ 400 MPa
Weight (Approx.)	2.500 Kg

CHEMICAL COMPOSITION

Limits	C%	Mn%	Si%	P%	S%	B%
max	0,06	0,60	0,20	0,025	0,025	0,010



FE36 | SAE 1006 (S235JR)

Drawing and cold rolling, suitable for steel structures according to EN 10025.

MECHANICAL AND SIZE CHARACTERISTICS

Standard	ASTM A 510M SAE 1006 - EN ISO 16120-2 C4D - EN 10025-2 S235JR
Rm	≤ 430 MPa
Weight (Approx.)	2.500 Kg

CHEMICAL COMPOSITION

Limits	C%	Mn%	Si%	P%	S%
min	-	0,30	-	-	-
max	0,06	0,45	0,12	0,030	0,030



G3V20

Drawing and cold rolling.

MECHANICAL AND SIZE CHARACTERISTICS

Standard	EN ISO 16120-4 C20D2
Rm	480 - 540 MPa
Weight (Approx.)	2.500 Kg

CHEMICAL COMPOSITION

Limits	C%	Mn%	Si%	P%	S%
max	0,23	0,55	0,20	0,020	0,025



REMARK: Material according to EN ISO 16120-1 up to EN ISO 16120-4.

Wire rod Fe36 and SAE 1006 according to standard EN 10025-2 S235JR is suitable for mechanical sector and steel structures.