

1. DESCRIPTION

Weldable hot rolled and cold stretched ribbed steel wire in coils for concrete reinforcement, steel grade K500B-KR, according to SS212540, named JUMBO STRETCHED.

2. HEAT CHEMICAL COMPOSITION

	Limits	C % *	P %	S %	Cu %	N % **	Ceq %
SS212540	max	0.22	0.050	0.050	0.80	0.012	0.50

* C max 0.25% is permitted, provided that Ceq max is 0.48%.

** Higher Nitrogen contents are permitted if the amounts of Nitrogen-fixing elements are sufficient.

3. MECHANICAL AND DIMENSIONAL PROPERTIES

Standard	Steel grade	Diameter range mm	Weight tol. %	Re min MPa	Rm/Re min	Agt min %	fR min
SS212540	K500B-KR	8 ÷ 12	± 6/± 4.5	500c	1.08c	5c	0,040

NOTES:

- test on sample straight by laboratory machine and aged 100°C/1h;
- bending at 180°: mandrel equal to 1,5Ø for $\varnothing \leq 10\text{mm}$; mandrel equal to 2Ø for $10 < \varnothing \leq 12\text{mm}$.

4. STANDARD PACKAGING

Coils weight from 2.4 t up to 4.8t, height = 700 mm up to 900mm, internal diameter = 700 mm, tied with 4 strips.

5. STANDARD IDENTIFICATION

Each coil with diameter painted on the surface and label reporting:

PITTINI
JUMBO STRETCHED
DATE OF PRODUCTION
HEAT N°
DIAMETER MM
REFERENCE STANDARDS
PRODUCT CERTIFICATION LOGOS

6. STANDARD CERTIFICATION

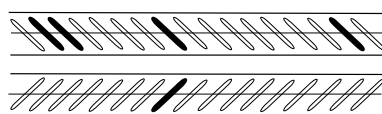
On demand certificate 3.1 according to EN10204.

7. APPROVALS

GlobeCert (Sweden).

8. IDENTIFICATION MARK

Mark 4-7



Mark 1-7

