

## 1. DESCRIPTION

Weldable ribbed steel wire in wound layer coils for concrete reinforcement named JUMBO SPOOLED, according to SS-EN10080:2005 and SS212540:2014 K500B-TR.

## 2. HEAT CHEMICAL COMPOSITION

	Limits	C %*	P %	S %	Cu %	N %	Ceq %
SS-EN10080	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%.

## 3. MECHANICAL AND DIMENSIONAL PROPERTIES

Standard	Steel grade	Diameter range mm	Weight tol. %	Re Min MPa	Rm/Re min	Agt Min %
SS212540	K500B-TR	10 ÷ 20	± 4.5	500c	1.08c	5c

### NOTES:

- test on sample straight by laboratory machine and aged 100°C/1h;
- bending at 180°: mandrel equal to 1,5Ø for Ø ≤ 10mm; mandrel equal to 2Ø for 10 < Ø ≤ 12mm;
- fR ≥ 0,040 for 10 < Ø ≤ 12mm; fR ≥ 0,056 for Ø > 12mm.

## 4. STANDARD PACKAGING

In coils of standard weight 2.4t and 4.8 t. Internal diameter 700 mm, height 900mm, max width 1050 mm (2.4 t) and 1320 mm (4.8 t). Tied with 4 metallic strips.

## 5. STANDARD IDENTIFICATION

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

**PITTINI**  
**JUMBO SPOOLED**  
**HEAT N°**  
**WEIGHT**  
**DIAMETER**  
**DATE**  
**REFERENCE STANDARDS**  
**PRODUCT CERTIFICATION LOGOS**

## 6. STANDARD CERTIFICATION

On demand certificate 3.1 according to EN10204.

## 7. APPROVALS

GlobeCert (Sweden).

## 8. IDENTIFICATION MARK

Marks 1-7 or 4-7.

