

1. DESCRIPTION

Weldable ribbed steel in coils for reinforcing of concrete named JUMBO SPOOLED according to standard SS-EN10080:2005 and SS212540:2014 grade K500C-TR for Swedish market and according to NS3576-3:2012 grade B500NC for Norwegian market.

2. HEAT CHEMICAL COMPOSITION

	Limits	C %	Si %	Mn %	P %	S %	Cu %	N %	Ceq %
SS212540	max	0.22 (0.24)	-	-	0.050 (0.055)	0.050 (0.055)	0.80 (0.85)	0.012 (0,014)	0.50 (0.52)
NS35765	max	0.22 (0.24)	0,60 (0,65)	1,60 (1,70)	0.050 (0.055)	0.050 (0.055)	0.80 (0.85)	0.012 (0,014)	0.50 (0.52)

NOTES: C max 0.25% is permitted, provided that Ceq max is 0.48%;
In brackets chemical composition on product.

3. MECHANICAL PROPERTIES AND DIMENSION TOLERANCES

Standard	Steel grade	Diam. Range mm	Weight Tol. %	Re min N/mm ²	Re max N/mm ²	Rm min N/mm ²	Rm/Re min N/mm ²	Rm/Re max N/mm ²	Agt min %	Bend rebend
SS212540	K500C	10 ÷ 20	±4,5	500c	-	-	1.15c	1.35c	7.5c	note
NS35765	B500NC	10 ÷ 20	±4,5	500c	650c	600c	1.20c	1.35c	8.8c	note

NOTES:

- test after ageing 100°C for 1h;
- bending and re-bending: according to SS-EN10080 and NS35765;
- rib geometry and specific rib area: according to SS-EN10080 and NS35765.

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 the diameter painted on the surface and label reporting:

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

6. STANDARD CERTIFICATION

On demand test certificate 3.1 according to EN 10204.

7. APPROVALS

GlobeCert (Sweden and Norway).

8. IDENTIFICATION MARK

Marks 1-7 or 4-7

