

1. DESCRIPTION

Weldable ribbed steel wire in wound layer coils for concrete reinforcement according to PN-H-93220:2018-02 (Poland) steel grade B500SP, named JUMBO SPOOLED.

2. CHEMICAL COMPOSITION OF HEAT

	Limits	C %	Mn %	Si %	P %	S %	Cu %	N %	Ceq %
PITTINI and PN-H-93220	max	0.22 (0.24)	1.60 (1.65)	0,55 (0,60)	0.050 (0.055)	0.050 (0.055)	0.80 (0.85)	0.012 (0.014)	0.50 (0.52)

NOTE: the values in the brackets refer to product analysis

*is permitted C max 0.25% if Ceq max 0.48%

3. MECHANICAL PROPERTIES AND DIMENSION TOLERANCES

Standard	Steel grade	Diameter range mm	Weight tol. %	Re min MPa	Re max MPa	Rm/Re min	Rm/Re max	Agt min %	A5 min %
PITTINI	B500C	10 ÷ 16	± 4	500c	625	1.15c	1.35c	8.0c	16.0c
PN-H-93220	B500SP	8 ÷ 16	± 4	500c	625	1.15c	1.35c	8.0c	16.0c

NOTE: c – characteristic values; test after ageing 100°C/1h

f_R values and bending-unbending according to PN-H-93220

4. STANDARD PACKAGING

Coils of std weight 2.4 t and 4.8 t. Height = 900 mm, internal diameter = 700 mm, max width 1050 mm (2.4 t) and 1320 mm (4.8 t). Tied with 4 metallic strips.

5. STANDARD IDENTIFICATION

Each coil identified by label reporting: manufacturer, grade, heat number, diameter, nominal weight, standard references, date of rolling.

6. STANDARD CERTIFICATION

On demand Inspection Certificate according to EN 10204 3.1.

7. IDENTIFICATION MARK

