

1. DESCRIPTION

Weldable hot rolled and cold stretched ribbed steel wire in coils for concrete reinforcement, diameter 8mm, steel grade B500C named JUMBO STRETCHED, in accordance with AT 016-01/520-2023 (Romania) and BTA-18.1A (Bulgaria).

2. CHEMICAL COMPOSITION OF HEAT

Standard	Limits	C %	P %	S %	Cu %	N %	Ceq %
AT 016-01/520-2023 BTA-18.1A;	max	0.22	0.050	0.050	0.80	0.012	0.50

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

3. MECHANICAL PROPERTIES AND DIMENSION TOLERANCES

Standard	Steel grade	Diameter mm	Weight toll. %	Re min MPa	Re max MPa	Rm min MPa	Rm/Re min	Rm/Re max	Agt min %	A5 min
AT 016-01/520-2023	B500C	8	± 6	500c	650c	-	1.15c	1.35c	7.5c	16
BTA-18.1A	B500C	8	± 6	500c	650c	575c	1.15c	1.35c	7.5c	-

NOTES:

- test on sample straight by laboratory machine and aged 100°C/1h
- f_R values and rib geometry parameters according to the technical approvals
- bend and re-bend test parameters according to the technical approvals

4. STANDARD PACKAGING

Coils of std weight 2.4 t and 4.8 t. Height = 700 - 900 mm, internal diameter = 700 mm. Tied with 4 metallic strips.

5. STANDARD IDENTIFICATION

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

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

6. STANDARD CERTIFICATION

On demand Certificate 3.1 according to EN 10204.

7. APPROVALS

Permanent Technical Council of Construction (Romania), NISI (Bulgaria).

8. IDENTIFICATION MARK

Mark 4-7

