

1. DESCRIPTION

Weldable hot rolled and cold stretched ribbed steel wire in coils for concrete reinforcement, diameter 8-12mm, steel grade B500B, according to DIN488, named JUMBO STRETCHED.

2. HEAT CHEMICAL COMPOSITION

	Limits	C %	P %	S %	Cu %	N %	Ceq %
PITTINI	max	0.22	0.050	0.050	0.60	0.012	0.50
DIN 488	max	0.22	0.050	0.050	0.60	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	Re max MPa	Rm/Re min	Agt min %	Bend α, β, k
PITTINI	B500B	8 ÷ 12	-4 / +6	500c	650c	1.08c	5c	90°/20°/5
DIN 488	B500B	6 ÷ 16	-4 / +6	500c	650c	1.08c	5c	90°/20°/5

NOTES:

- test on sample straight by laboratory machine and aged 100°C/1h
- specific rib area: $f_R \geq 0.052$ for diameter 8mm, $f_R \geq 0.060$ for diameter 10mm, $f_R \geq 0.065$ for diameter 12mm

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. Regular winding (WRs).

5. STANDARD IDENTIFICATION

Each coil must be identified by writing "WRs" painted on the surface and by a label type HD reporting:

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

6. STANDARD CERTIFICATION

On demand document according to EN10204.

7. APPROVALS

PRÜFSTELLE FÜR BETONSTAHL (Germany).

8. IDENTIFICATION MARK

Mark 4-7

