

## 1. DESCRIPTION

Weldable hot rolled and cold stretched ribbed steel wire in coils for concrete reinforcement, diameter 8-16mm, steel grade B500B, according to DIN488 standard, named JUMBO STRETCHED.

## 2. HEAT CHEMICAL COMPOSITION

	Limits	C %	P %	S %	Cu %	N %	Ceq %
DIN 488	max	0.22	0.050	0.050	0.60	0.012	0.50

## 3. MECHANICAL AND DIMENSIONAL PROPERTIES

Standard	Steel Grade	Diameter mm	Weight tol. %	Re min MPa	Re max MPa	Rm/Re min	Agt min %	Bend test
DIN 488	B500B	8 ÷ 16	-4/+6	500c	650c	1.08c	5.0c	note 2.

### NOTES:

- test on sample straight by laboratory machine and aged 100°C/1h
- bending: diameter of the mandrel  $D=k*d$ , bending angle 90°, re-bending angle 20° after aging 100°C/1h

## 4. STANDARD PACKAGING

- Coils weight 2.5 t, height = 700 mm, int. diameter = 700mm, ext. diameter = approx. 1130 mm, tied with 4 single or double strips according to the diameter. Regular winding.
- Coils weight 5.0 t, height = 900 mm, int. diameter = 700mm, ext. diameter = approx. 1300 mm, tied with 4 double strips. Regular winding.

## 5. STANDARD IDENTIFICATION

Each coil must be identified by a label reporting:

**PITTINI**  
**JUMBO STRETCHED B500B**  
**HEAT N°**  
**WEIGHT t**  
**DIAMETER mm**  
**DATE OF PRODUCTION**  
**REFERENCE STANDARDS**  
**PRODUCT CERTIFICATION LOGOS**

## 6. STANDARD CERTIFICATION

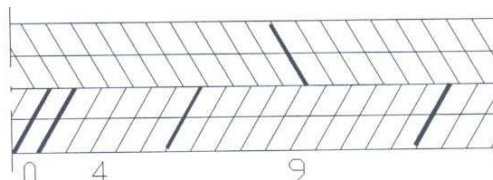
On demand document according EN10204.

## 7. APPROVALS

PRÜFSTELLE FÜR BETONSTAHL (Germany).

## 8. IDENTIFICATION MARK

Mark 4-9



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