

1. DESCRIPTION

Weldable hot rolled and stretched steel ribbed wire in coils Ø8mm for reinforcing of concrete named PITTINI JUMBO STRETCHED, according to ÖN B4707 grade B550B for Austrian market and EN 10080:2005 and steel grades B550B/B500B according to EC2 for Danish market.

2. HEAT CHEMICAL COMPOSITION

	Limits	C %	P %	S %	Cu %	N %	Ceq %
ÖN 4707 and EN 10080	max	0.22	0.050	0.050	0.80	0.012	0.50

Note: C max 0.25% is permitted, provided that Ceq max is 0.48%.

3. MECHANICAL PROPERTIES AND DIMENSION TOLLERANCES

Standard	Steel grade	Diameter Range mm	Weight Toll. %	Re min N/mm ²	Rm/Re min	Agt min %	Bend α, k
PITTINI	B550B	8	note	550c	1.08c	5c	180, 3
ÖN 4707	B550B	≥ 6	note	550c	1.08c	5c	180, 3
EC2	B550B	6 ÷ 16	nota	550c	1.08c	5c	180, 3
EC2	B500B	6 ÷ 16	nota	500c	1.08c	5c	180, 3

NOTES:

- c characteristic values
- test after artificial ageing 100°/ 1h.
- for Ø ≤ 8mm the weight tolerance is +/- 6 %, for Ø > 8mm the weight tolerance is +/- 4.5 %
- bend test: 180° and mandrel equal to 3Ø
- ÖN 4707: for Ø 6 ≤ 8mm min value Re 533 MPa, min value Rm/Re 1.06, min value Agt 4.0%.
- Projected rib area Ir > 0.046 for Ø 8mm.

4. STANDARD PACKAGING

Coils of about 2.5 t, height = 700 mm, int. diameter = 700 mm, ext. diameter = 1100 mm, tied with 4 strips. Regular winding.

5. STANDARD IDENTIFICATION

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

**PITTINI
JUMBO STRETCHED
DIAMETER – HEAT NR.
NOMINAL WEIGHT
DATE OF PRODUCTION
ÖNORM B 4707 B550B
GLOBECERT 1616
EN 10080:2005 - EC2 B500B/B550B
LOGO ÜA + LOGO GLOBECERT**



6. STANDARD CERTIFICATION

On demand test certificate according to EN 10204.

7. APPROVALS

Baucert Steiermark (Austria) and Globecert (Denmark).

8. IDENTIFICATION MARK

Mark 1-7

