

## 1. DESCRIPTION

Weldable cold rolled ribbed steel wire in coils for concrete reinforcement for Austrian market according to ÖNORM B 4707 grade B550A named JUMBO KR.

## 2. HEAT CHEMICAL COMPOSITION

	Limits	C %	P %	S %	Cu %	N %	Ceq %
ÖNORM B 4707	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 TOLERANCES

Standard	Steel grade	Diameter Range mm	Weight Tol. %	Re min N/mm <sup>2</sup>	Rm/Re min	Agt min %	Bend $\alpha$ , k
ÖNORM B 4707	B550A	6 ÷ 12	note	550c	1.05c	2,5c	180, 3

### NOTES:

- c characteristic values
- test after artificial ageing 100°/ 1h.
- Weight tolerance: for  $\varnothing \leq 8\text{mm}$  +/-6%; for  $\varnothing > 8\text{mm}$  +/- 4.5 %
- bend test: 180° and mandrel equal to 3 $\varnothing$
- For diameters from 6 up to 12mm: min value Re 533 MPa; min value Rm/Re 1.03; min value Agt 2.0%.
- Projected rib area  $fR \geq 0.040$  for 6mm;  $fR \geq 0.046$  for 8-10-12mm

## 4. STANDARD PACKAGING

In coils of about 2.4 t for diameters from 8mm up to 12mm and 2 t for diameter 6mm, height = 700 mm,  $\varnothing_{\text{int}} = 700$  mm,  $\varnothing_{\text{ext}} = 1100$  mm (1060mm for diameter 6mm). Tied with four bindings.

## 5. STANDARD IDENTIFICATION

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

**PITTINI**  
**JUMBO KR**  
**DATE OF PRODUCTION**  
**HEAT N°**  
**WEIGHT t**  
**DIAMETER MM**  
**REFERENCE STANDARDS**  
**PRODUCT CERTIFICATION LOGOS**

## 6. STANDARD CERTIFICATION

On demand certificate 3.1 according to EN 10204.

## 7. APPROVALS

Baucert Steiermark.

## 8. IDENTIFICATION MARK

Mark 1-7

