

## 1. DESCRIPTION

Weldable steel wire rod in coils suitable for cold rolling for the production of reinforcing steel wire (mesh quality). Material also suitable for the production of bars after straightening and light drawing.

## 2. HEAT CHEMICAL COMPOSITION

	C %	Mn %	Si %	P %	S %	Ceq %
min	0.06	0.40	0.10	-	-	-
max	0.09	0.55	0.15	0.050	0.050	0.30

## 3. MECHANICAL AND DIMENSIONAL PROPERTIES

Tensile strength:  $R_m$  [MPa]  $\leq$  470

Elongation:  $A_{10}$  [%]  $\geq$  30

Diameter range: 5,5 – 21,5 mm

Diameter tolerance and out-of-round: according to ISO 16124 grade T2

Diameter [mm]	5,5 ÷ 10	11 ÷ 15	16 ÷ 21,5
Tolerance [mm]	$\pm 0,25$	$\pm 0,30$	$\pm 0,35$
Out-of-round max [mm]	0,40	0,48	0,56

Any geometric defect regarding the tail of the coils could occur within a distance from the end of wire rod greater than those included in ISO 16124 Table 11.

## 4. STANDARD PACKING

In coils up to approx. 2500 kg, inside diameter about 800 mm, outside diameter about 1200 mm, maximum length 1900 mm.

## 5. STANDARD IDENTIFICATION

Each coil with label reporting: Heat number, nominal diameter, steel quality (grade), product code and date of rolling. Additional colored label to distinguish different heats.

## 6. STANDARD CERTIFICATION

On demand Inspection Certificate according to EN 10204 3.1.

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