

1. Product description

Annealed wires are obtained by annealing of low carbon steel wires in furnaces. Wire strength decreases with annealing process, its elongation and ductility properties show excellent behavior.

We offer phosphated, oiled and uncoated surface options.

2. Normative references

- EN 10218-2 - Steel wire and wire products-General-Part 2: Wire dimensions and tolerances
- EN ISO 16120-1 - Non-alloy steel wire rod for conversion to wire -Part 1: General requirements
- EN ISO 16120-2 - Non-alloy steel wire rod for conversion to wire - Part 2: Specific requirements for general purpose wire rod

3. Mechanical Properties

Diameter	Tolerance	Tensile Strength	% Elongation	Packaging weight		
0,80 - 2,00 mm	-0,04	300 - 400 N/mm ²	25 - 35 %	25 kg	50 kg	500 kg
2,00 - 8,00 mm	-0,04	300 - 400 N/mm ²	25 - 35 %	500 kg	1000 kg	1500 kg

4. Chemical Properties

The chemical properties of the supplied raw materials according to ISO 16120-2 are given in the table.

Quality	(C)	(Mn)	(Si)	(P)	(S)
C7D	0,05-0,09	0,30-0,60	max. 0,30	max. 0,035	max. 0,035

5. Inspection Document

Inspection document 3.1 – EN 10204 on request.

6. Packaging Forms

Package dimensions for rosetten coils

Inner Diameter	Outer Diameter	Weight
25 cm	35 cm	25 - 50 kg
50 cm	90 cm	500-1500 kg

Winding: Anti-clockwise



Unwinding: Clockwise

With Lifting Hooks
Metal Strapped
PE Shrunk