

Alambrón

Wire rod

Size range

Rounds Diameters from 5.50 to 32.0 mm
Hexagons Keys from 13.0 to 28.5 mm

Tolerances

Diameter	Standard tolerance	Extra standard tolerance
5,50 - 10,0 mm	+/- 0,20 mm	+/- 0,15 mm
>10,0 - 15,0 mm	+/- 0,25 mm	+/- 0,20 mm
>15,0 - 21,5 mm	+/- 0,30 mm	+/- 0,25 mm
22,0 - 32,0 mm	+/- 0,35 mm	+/- 0,30 mm
cut of roundness	80 % of the range of tolerance	60 % of the range of tolerance

Heat treatment

According to each steel category, wire rod is supplied in the following conditions:

- Annealing (RS) for austenitic, (RL) for martensitic duplex and precipitation hardened martensitic steels.
- Recrystallization annealing (RR) for ferritic steels.
- Globulization annealing (RG) or hardening and tempering (BN) for martensitic steels.

Surface condition

Wire rod is pickled or, if required, for particular end uses, sand blasted and pickled. On customer's request wire rod can also be covered with salts for drawing.

Dimensions and weight of coils

Inner diameter About 850 mm
Outer diameter = About 1300 mm
Weight 1000 - 1400 kg.

Certification

Test certificates comply with Euronorm EN 10204 3.1: last revision and Euronorm EN 10088 for technical data; the compliance with other standards or specifications must be agreed upon requests.



Packaging

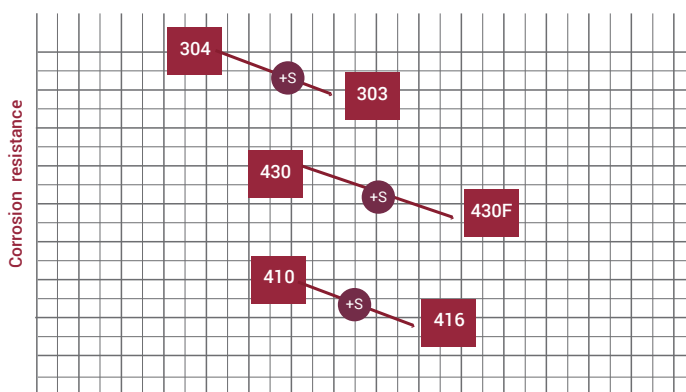
Each coil is bound with four plastic strips and labelled with an identification tag reporting the following information:

Customer, order n°, Cogne grade, grade denomination according to customer's specifications or to the required standard, nominal size, heat n°, lot n°, coil n°, net weight in Kg.

On customer's request plastic wrapping of each coil is available.

Improved machinability steels

A better machinability for stainless steels is obtained by adding sulphur or processing liquid steel with sulphur and calcium. The following diagrams show the effect of both methods on corrosion resistance.



Effect of sulphur addition on corrosion and machinability

Este producto es ideal para las siguientes industrias / This product is ideal for the following industries



Alimenticia
Food



Automotriz
Automotive



Aeroespacial
Aerospace



Construcción
Construction



Médica
Medical



Petrolera
Oil & Gas



Energética
Energy



Naval
Naval



Química
Chemical



Textil
Textile