



# DRAWN WIRE

# PRODUCT AND APPLICATIONS

The use of wire rod produced in the Pittini Group's steelworks guarantees control, uniformity and consistency in the mechanical characteristics of the drawn wire, making it particularly suitable for processing with **automatic systems**.

Latest-generation, versatile and flexible systems allow for a wide range of polished drawn wire in terms of both diameters and packaging, with the possibility of producing to **specific customer requirements**.

Drawn wires are suitable for all **surface treatments**, such as chrome plating, galvanizing, plastic coating, painting and nickel plating.

Drawn wires are **used in many fields** such as: electric appliances, furniture, automotive, metal small parts, screws, mechanical industry in general. Thanks to their reliable mechanical characteristics they are suitable for machining with automatic systems **2D and 3D bending**.

SIAT cold drawn wires range goes **from 2.0 mm up to 14.5 mm**.

Drawn wire are in compliance with the following standards:

- EN ISO 16120-2, (ex 10016-2) C4D;
- EN ISO 16120-2, (ex 10016-2) C7D;
- EN ISO 16120-2, (ex 10016-2) C9D;
- EN ISO 16120-2, (ex 10016-2) C10D;
- EN 10263-2 C4C;
- EN 10263-2 C10C;
- EN 10277-2;
- others qualities on demand.

SIAT completes its range of drawn wires with cold-drawn low-carbon steel in **square section, twisted wires**, and, on request, with **bonderized wires** for cold forming.

PACKAGING				
Type	Ø	Weight	Ø internal	Height
Spooled coils	2.0 ÷ 14.5 mm	800 ÷ 2,000 Kg	530 mm	600 mm
			600 mm	500 mm
	5.8 ÷ 14.5 mm	1,500 ÷ 4,000 Kg	600 mm	700 mm
Spiders (a)	2.0 ÷ 4.0 mm	1,000 Kg	400 - 500 mm	1,100 mm max
Twisted wire in coils	4.0 ÷ 6.0 mm	1,000 ÷ 2,000 Kg	530 mm	600 mm
			600 mm	500 mm

Our bright drawn wires are now certified with the **EPD - Environmental Product Declaration**. The EPD comprehensively documents consumption and impact, providing our customers with reliable and comparable data for their design and purchasing decisions.



At the new **SIAT<sup>3</sup>** plant in Majano (UD), dedicated exclusively to the production of drawn wire, 2,020 photovoltaic panels have been installed, with a total power of 878.7 kWp. The plant will produce approximately **979,000 kWh of renewable energy per year**, covering between 30% and 40% of the site's energy needs.

