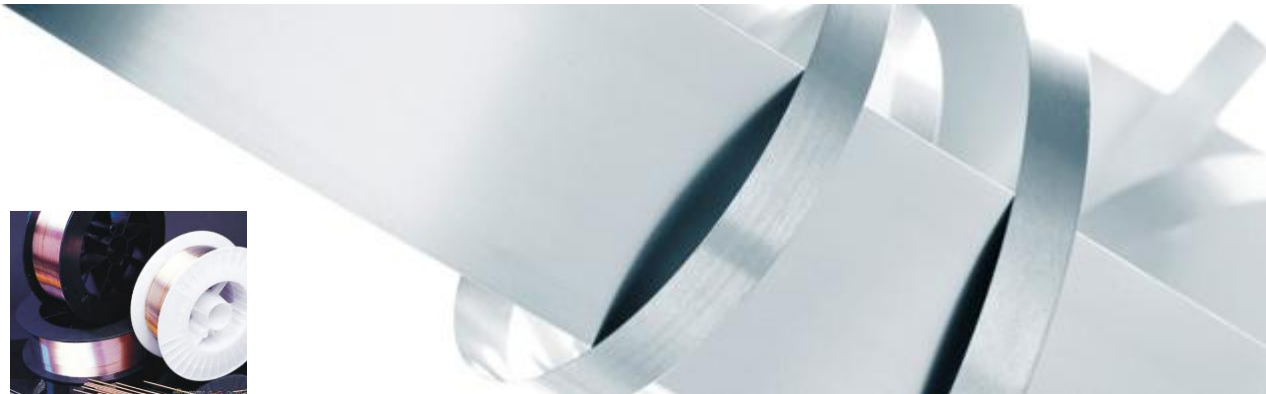


Zhejiang Zegota Precision Technology Co., Ltd. is a leading company for wire precision cold rolling and forming technology. We dedicate to apply this new super-precision technology to more and more industries.



Headquartered in Jiaxing, Zhejiang Province, we have established a large production base and planned a number of multi stands rolling production lines with total capacity of 20,000 tons.

Now, we can provide customers in automotive, consumer electronics, new energy, metrology, electric power and medical industries, etc. with our precision profiled wire, medical implants, scroll spring flat strip, wiper flat strip, seat and skylight slide rail, precision filter wire, flat square copper wire, flat bead wire, consumer electronic profiles, flat square wire products, etc.



High precision, High strength, Customized



PROFILE AND FLAT WIRE FOR THE ARMORING OF FLEXIBLE HOSE LINES

Offshore oil extraction is advancing into ever deeper regions of the sea. As the connection of the boreholes with the production platforms is not possible with rigid piping, flexible hose lines were developed. These so-called flexible pipes have to withstand the water pressures at depths of 2000 m and more.

Consequently, one or two layers of profiled steel wire are integrated into the hose as pressure reinforcement. Here, typically C or Z profiles (figure, right) are used. In addition to this pressure reinforcement, flat wires are used for tension reinforcement to accumulate the weight forces.



Raw material		profile and flat wires in medium to high carbon steel.
Speed		150 m/min
Size	Width	8,0 to 30,0 mm
	Thickness	6.0 to 12,0 mm
	Precision	+/-0,02 to +/-0,05 mm

Our Advantages



- Section shape can be customized according to customer needs
- Complex cross section shape instead of traditional material removal processing method.
- Simple and efficient processing technology and process.
- Reduce material consumption and improve production efficiency.
- Reduce production costs and improve material strength.
- It can achieve high accuracy of shape and dimension (+0.02mm).
- The surface of metal material is smooth, clean and bright.
- The packaging method is flexible, firm and reduces damage.

Rolling process

