

# Waterproof luxury



In 1926, the first waterproof watch was launched. To prove its water-resistance, the British woman Mercedes Gleitze wore it for more than 10 hours swimming across the English Channel. At the end, the watch was still working perfectly.

At that time, the watch was not made of stainless steel, but it was important in the history of watchmaking. It showed the world how a watch could withstand extreme conditions without compromising its performance.

When stainless steel came on the scene in the watchmaking industry, it completely transformed it. It brought strength, design versatility and functionality, parameters that defied the most extreme conditions.

## Stainless steel has enabled the watchmaking industry to combine engineering, design and functionality

Austenitic stainless steel AISI 904L is extremely resistant to corrosion and retains its brightness even under difficult conditions, that is why it is highly demanded by luxury watch brands. Its chemical composition, which includes significant amounts of nickel, chromium and molybdenum [ /sites/cedinox/en/acero-inoxidable/tipos-de-acero-inoxidable/acero-inoxidable-austenitico/index.html ], as well as a small addition of copper that enhances resistance to various acids, makes each watch a true work of art. The polished finish and high mechanical properties are other advantages that make this material stand out in the watch industry.



It is important to note that although AISI 904L steel offers advantages in terms of corrosion resistance and aesthetics, AISI 316L steel is widely used in the watch industry due to its excellent value for money. The choice between these materials depends on the design specifications and market positioning of each watch.

AISI 316L has a composition that makes it highly hypoallergenic. Its low carbon content meets the needs of both everyday watches and watches for extreme activities, such as diving activities.

Whether you choose the AISI 904L or the AISI 316L, you'll have a watch that is designed to defy the most demanding conditions, without compromising on the quality.