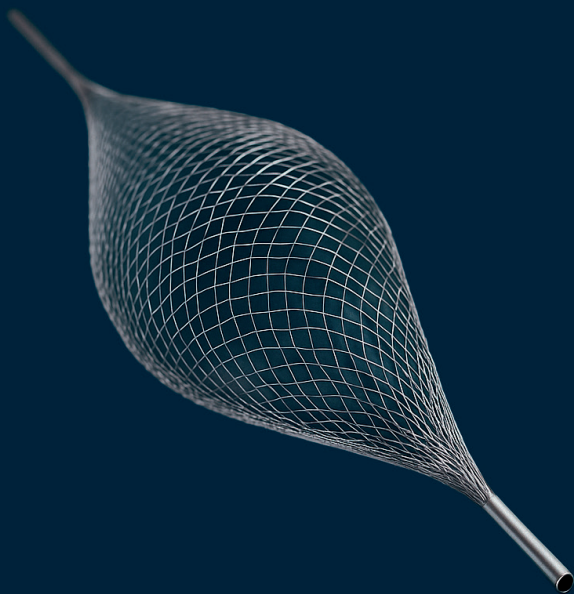


# Nitinol – the smart memory alloy

Unleash the potential of  
nitinol's intelligent properties





# Advance your design

Nitinol is a high-performance shape-memory alloy used in the most demanding medical applications. Its superelasticity, biocompatibility, and kink resistance ensure reliability in even the most complex minimally invasive procedures.

With over 20 years of proven expertise, Alleima transforms nitinol's unique properties into tailored solutions – helping medical device innovators unlock the full potential of this remarkable material.

## Our capabilities include:

- Grinding
- Braiding
- Shaping
- Joining
- Laser cutting
- Cleanroom assembly (Class 7 & 8)

## Typical medical applications

- Flexible endoscopy / gastroenterology / urology
- Cardiovascular and robotic surgery

## Alleima – Your partner for life-changing medical solutions

From initial design to market approval, our experts uphold the highest standards at every stage. We guide you through each step of development – safely, efficiently, and cost-effectively as your partner for life-changing medical solutions.



[alleima.com/nitinol](https://alleima.com/nitinol)