



Your Partner and
integrated Supplier for
Contract Manufactured
**High Precision Nitinol &
customized NiTi Alloys**

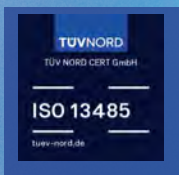
-> Melts, Bars, Hollows, Tubes,
Wires, Sheets and Powders

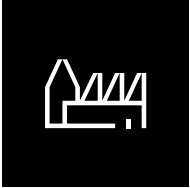


ingpuls-medical.com

Ingpuls Medical
meets the highest
Quality Standards
in accordance with
EN ISO 13485:2021
Certification.

As certified Nitinol
Supplier we stand for
reliable Product.
Quality & Performance.





PRODUCTION & SUPPLY CHAIN

Our focus is on delivery performance. Providing our customers with high-quality products on time is what makes them successful. The Ingpuls Medical team gives its very best to contribute to the reliability of supply chains in the medical device industry.



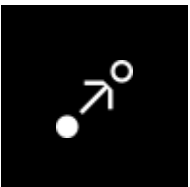
TECHNOLOGY & MATERIALS

High-precision VIM melting results in ultra-low inclusion NiTi alloys. Customization of alloy compositions and microstructure design at its best allows to meet the wide range of material specs of our customers.



ENGINEERING & SERVICE

Our dedicated engineering and project managers love to learn more about your products. Nitinol education, service and technical support help us make our customers successful. That is our main goal every day.



EDUCATION & KNOW-HOW

The Ingpuls team received a deep tech education on materials science of NiTi shape memory alloys (Nitinol). Continuous research on materials is part of our DNA. We will continuously strive to improve materials.

Hybrid Portfolio

Products

- > Melts & Electrodes
- > Bars, Hollows & Stent Tubes
- > Guidewires & Stent Wires
- > Wires for braided Stents
- > Hot rolled Sheets
- > Powder for AM & 3D Printing

Services

- > Alloy Development
- > Process Engineering
- > Microstructure Optimization
- > Heat Treatment & Shape Setting
- > Material Characterization
- > Contract Research & Education

Processing of Ultra Thin Nitinol Wires



1

VIM
Technology



2

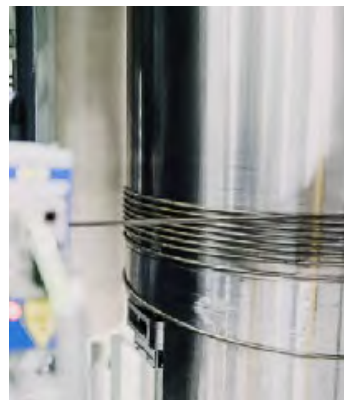
Ultra Low
Inclusion Melting*

*Average inclusion
size < 5 μ m
*Average max.
inclusion
vol. fraction < 1%



3

Hot
Swaging



4

Wire
Drawing



5

Straight
Annealing



The highest Nitinol Material Quality for Medical Applications

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Place your
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