



Endoscope Tubing

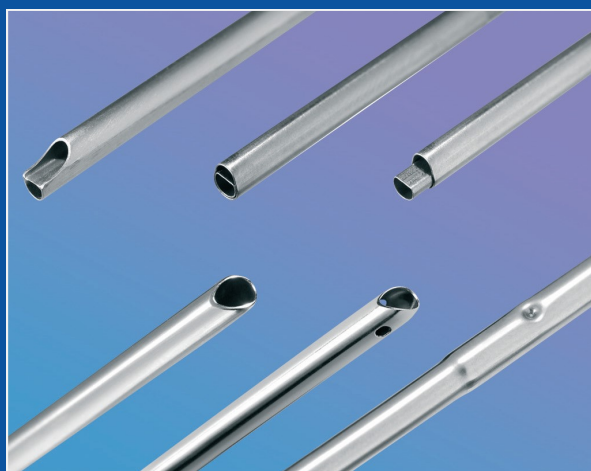
Specialized in:

- **Rigid endoscopes:** large choice of superalloys for urology, arthroscopy, laparoscopy...
- **Flexible endoscopes:** tubing for articulation joints
- **All other material for tubular components:** AISI 304, AISI 316, Monel®



Minitubes advantages

- In-house tubing and component production
- A choice of PH grade materials:
MP35N, Phynox, 17.7, 17.4, Custom 455®
- Very strong mechanical properties,
UTS up to 2000 Mpa
- High dimensional accuracy
- Round, oval, square, stepped tubing
- End forming, polishing, assembly



At your service

- From single components to complex assemblies
- From the design step to serial production
- Eager to develop new processes to meet your technical and ramp-up requirements

Quality assurance at its best: ISO 9001-2015 and ISO 13485-2016.

Visit our websites: www.minitubes.com and www.minitubes-usa.com

Minitubes, from the design stage to final assembly

- We will work with you to develop your endoscope design: our experience in problem solving is available to meet your specific technical challenges.

- Express prototyping: quick turnaround at the design stage.

To quickly test your ideas, our dedicated team will produce your prototypes, with in-house **tubing production, CNC component machining, fabrication and assembly.**

- Fully integrated tubing production, to control the key parameters, such as surface finish, dimensional accuracy and material for small and larger quantities.

- Choice of materials, because stainless steel is not always the best answer to your requirements for corrosion resistance, strength, magnetism.

- Special alloys designed for thin wall but very stiff tubing.

- Various geometries, optimized for your specific use: multichannel, side hole...

- A variety of fabrication processes: Swiss turning, bending, swaging, flattening, drilling, EDM cutting or machining, punching...

- Surface control: buffing, electropolishing, passivation, coatings...

- A variety of assembling techniques: welding, laser, plasma, TIG, brazing / soldering / glueing / crimping...

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