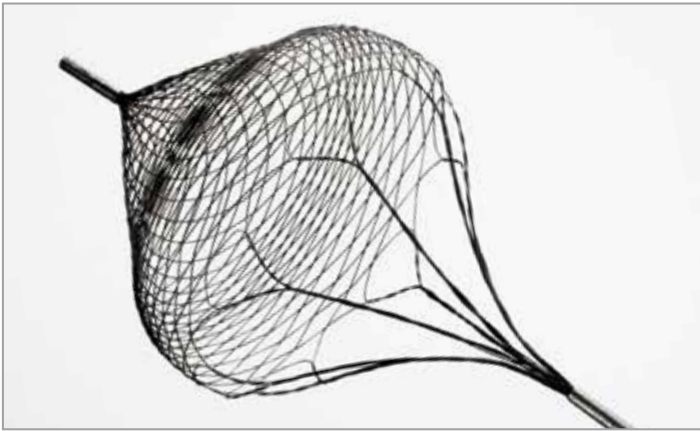


COMPLEX NITINOL COMPONENTS



Vention can shape your nitinol ideas into reality. Whether you're looking for a handful of prototype devices or a partner that can scale to production volumes, Vention can handle your nitinol needs. We have expertise in complex manual nitinol wire braiding and forming.

WHY MANUAL FORMING?

Manual forming allows for a more customized product, with a wider range of sizes, shapes, and densities than machine or laser cutting and forming, including:

- ▶ Complex geometric structures
- ▶ Multilateral closed ends
- ▶ Density variations within one product
- ▶ Attachment options such as spiral, wavy, or straight tips
- ▶ Symmetric and asymmetric structures



PROTOTYPE THROUGH VOLUME MANUFACTURING

Our highly skilled R&D team uses proprietary CAD modeling tools and an in-house workshop to provide you with true rapid prototyping services. When you're ready to scale, our production facilities have more than 80 manual assembly stations with highly experienced manufacturing team members to meet your volume production needs.



GALLERY OF NITINOL COMPONENTS

Nitinol components are used in minimally invasive devices for markets including urology, neurology, vascular, gastrointestinal, and structural heart. Examples of nitinol-based devices include:



Multipurpose Snares



Braided Baskets



Graspers



Braided Nets



Aortic Valves



Stent Grafts



Mesh Over Balloon



Stone Extractor



Complex Small Components

SINGLE-SOURCE SUPPLIER

Streamline your supply chain with a single-source provider of medical device solutions including polyimide tubing, medical balloons and many more. Our integrated platform of medical components, design services, and full-scale manufacturing facilities offers the full package.

OUR CAPABILITIES

DESIGN & DEVELOPMENT

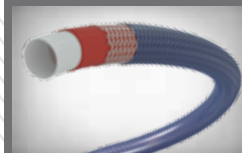
- ▶ Brainstorming and concept generation
- ▶ Prototyping
- ▶ Testing and validation
- ▶ New product introduction

ADVANCED COMPONENTS

- ▶ Catheters
 - Balloon catheters
 - Reinforced shafts
- ▶ Medical balloons
- ▶ Medical tubing
 - Extruded tubing
 - Polyimide tubing
 - Heat shrink tubing
 - Reinforced tubing
 - PTFE liner tubing
- ▶ Nitinol components
- ▶ Molded components

MANUFACTURING & ASSEMBLY

- ▶ Complete device assembly and packaging
- ▶ Supply chain management
- ▶ Sterile barrier packaging design and development
- ▶ Sterilization management



VENTION[®]
MEDICAL

Advancing your innovations for health

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