

Beaded Wire System®

Enabling You With The Ultimate In Precision

semi-rigid wires,
rods or tubes

homogenous,
undifferentiated
spherical bead



Now available
on [chamfr.com](https://www.chamfr.com)

Precision, when it matters most.

Angioplasty

Improves accuracy of navigation
and deployment of stents

Endoscopy

Guides visualization to reduce the
likelihood of more invasive procedures

Interventional Radiology

Enables mapping and security when
accessing remote sites

Neurovascular

Single-wire architecture allows for ultimate
miniaturization and maneuverability

Cardiac Restoration

Rigidity aids with precision of working
in and navigating within the heart

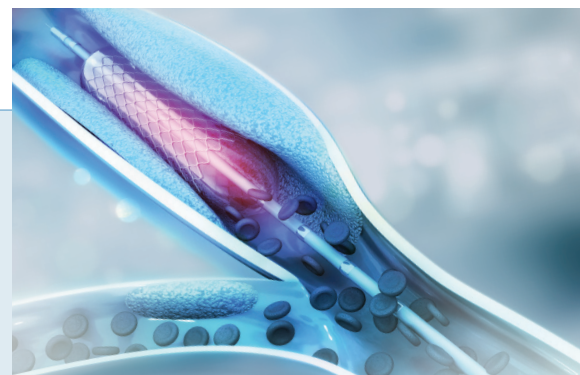
Electrosurgical

Wide range and availability, used for
ball-end ablation electrodes

Ensuring expert-level precision,
Beaded Wire System® offers
you unbeatable push control and
reliability at the component level.

Think Small. Even Smaller.

Discover how BWS® is helping you create smarter, smaller products.
We're here to help you when you're thinking small.

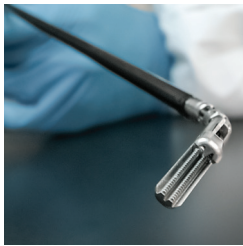


Beaded Wire System®

As the need for elevated performance drives innovation, Beaded Wire System®, or BWS®, continues to be a smart solution bridging the gap between access and ability. From shortening your product development cycle to helping your customers achieve maximum patient comfort, our values are your values, and our products provide you with an unparalleled experience.

Made from a single element, featuring semi-rigid wires and tubes with spherical ball-end features, our Beaded Wire System® provides a foundation for a variety of competitive sizes and finished assemblies with diameters down to Ø0.0015”

With superior mechanical advantages, the bead can be received into a mating pocket and act as a push-pull wire or ball joint. The round feature can prevent tears and scratches on part surfaces that it may come in contact with, fostering improved biocompatibility by maintaining homogeneous material composition.



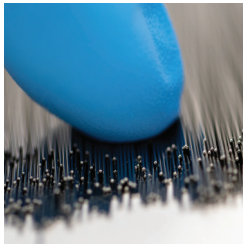
Performance

- Rigid wire for precise push control
- Highly controlled movements at the distal end
- Assembly strength 40-60% of base material (base material up to 400 lbs.)
- Outstanding in linear force transmission applications
- Optimized yield and elongation for better patient outcomes



Features

- Spherical bead at the end of a wire, rod or hypotube
- Atraumatic design minimizes tissue damage
- Max bead diameter 2.5x base material (base Ø0.0015” to Ø0.047”)
- Controls the essential function of the device
- Can be applied across a myriad of metal substrates



Key Advantages

- Pre-designed and pre-manufactured, shortening product development life cycle
- Economical option when customization is cost prohibitive
- Consistent and repeatable output with robust process capabilities
- In-stock and ready to ship
- Streamlined biocompatibility applications



Benefits

- Beaded end is homogeneously formed from source material
- Useful in quick R&D prototyping phase
- Manufactured in our in-house, ISO 7 and 8 certified cleanrooms
- Meets our rigorous “Strand-level” quality control standards
- Enables minimally invasive technology



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