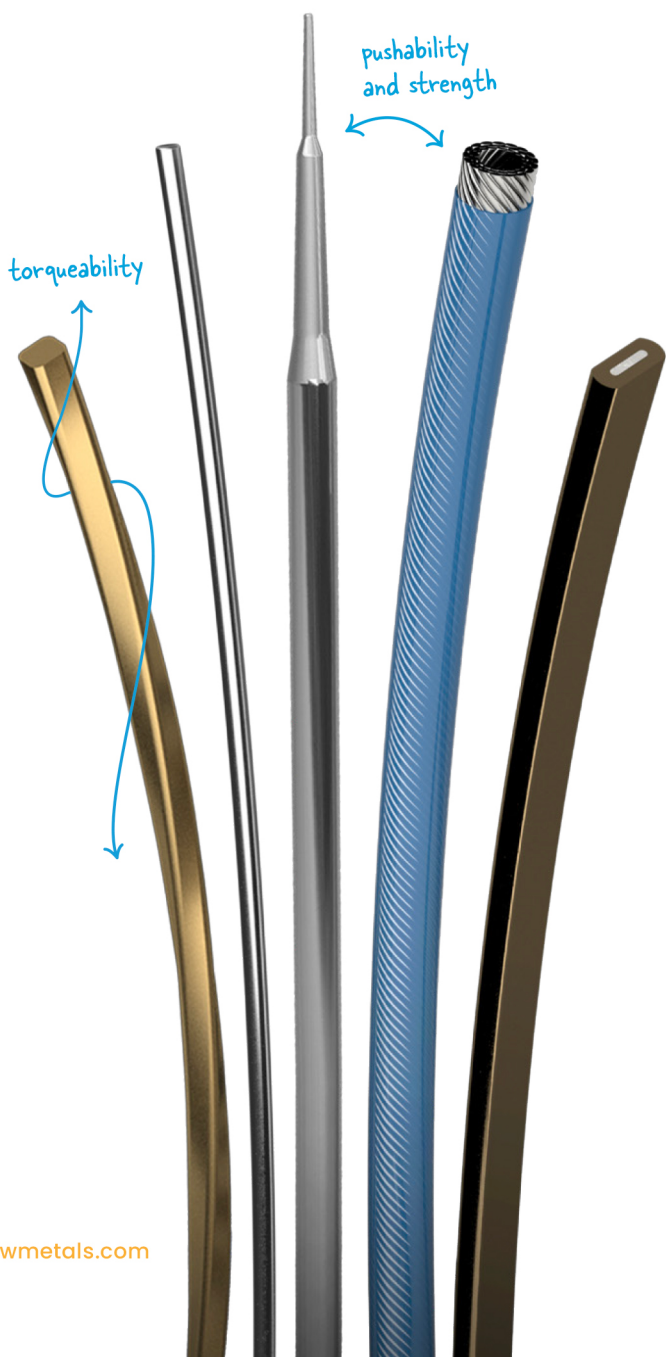


Interventional precision solutions

Customized wire-based materials



Material solutions for precise navigation and delivery

Smaller, stronger, and smarter

We develop high-quality wire-based materials and components for navigation and deployment systems designed to access hard-to-reach areas of the body. Used in guidewires, catheters, bioconductors, implantables, and more, our fine and ultrafine wire solutions deliver strength, torqueability, pushability, elasticity, kink resistance, and fatigue life—without compromising size. When your device needs to go further, we help make it possible.

Guidewires

END USES Stents, catheters, stimulation devices, atherectomy devices, bioconductors

PRODUCTS

- › DFT® wire
- › Helical Turkshead Wire
- › HHS® tube
- › Linear Elastic Nitinol
- › SLT® wire (Types 3 and 4)

MATERIALS Nitinol, high-performance alloys, precious metals, titanium, refractory metals, stainless steel alloys

BENEFITS

- › Excellent kink resistance and elasticity, enabling safe and precise navigation through tortuous anatomy
- › High-fatigue resistance to support long-term durability and performance in vasculature
- › MRI-compatible options allowing for advanced imaging without compromising safety
- › Electrical conduction options (for sensor-tipped guidewires) providing real-time feedback and improved procedural accuracy

Catheter reinforcement solutions and drive components

END USES Catheter shafts, steerable tips, torque coils, drive wires

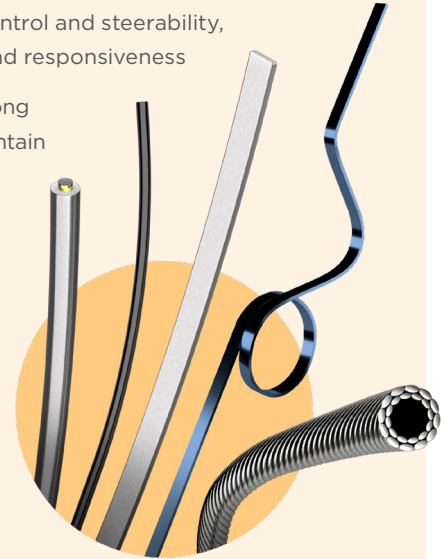
PRODUCTS

- › Custom braiding mandrels
- › SLT® wire (Type 1)
- › Strands and cables

MATERIALS Nitinol, precious metals, stainless steel, titanium, cobalt-chrome, and tungsten

BENEFITS

- › Torsional strength for control and steerability, improving steerability and responsiveness
- › Dimensional stability in long flexible structures to maintain catheter integrity
- › Biocompatible alloys for long-term implantation, with reduced risk of adverse reactions
- › Support for active steering mechanisms, enhancing control and precision in complex interventions



Delivery and deployment systems

END USES Stent delivery, embolic protection, valve deployment

PRODUCTS

- › Custom tooling
- › Custom-end treatments
- › HHS® tube
- › Shape-set parts
- › Shaped wire
- › Strands and cables

MATERIALS Nitinol, cobalt-chrome, precious metals, stainless steel, stainless steel alloys, high-performance alloys, titanium, and tungsten

BENEFITS

- › Precise memory shape retention for deployment mechanisms, ensuring reliable deployment of implants the target site
- › Custom shapes for baskets, hooks, and control arms to support application-specific configurations for complex devices
- › Integration for assemblies and post-processing streamlining manufacturing and reducing time to market with turnkey solutions

Let's navigate a solution together.

Contact us to discuss your next-generation navigation and deployment systems.



LOCATIONS AROUND THE WORLD

Global Headquarters
Fort Wayne, Indiana, U.S.A.

European Headquarters
Castlebar, Co. Mayo, Ireland

Advanced Materials Development
Columbia City, Indiana, U.S.A.

International Sales Support
Shanghai, China
Augsburg, Germany
Potheri Chennai, India
Savyon, Israel
Kobe, Japan
Seoul, Korea

U.S.A. Sales Support
San Mateo, California
Ridgefield, Connecticut
Chanhassen, Minnesota

Find your Sales Representative
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