



Think Small. Even Smaller.



**You hold your surgeons
to a certain standard.**

Do you expect the same from your
medical assemblies manufacturer?

At Strand Products, we see custom medical device design and manufacturing differently. In a market featuring a multitude of similar products, we can help with our simple but smart offer. Because smart doesn't always have to be complex.

Simpler is in fact much smarter! Keeping it simple allows you to concentrate on the issues that truly matter for your medical device design and custom mechanical wire and cable assemblies needs—like ensuring the confidence that comes with a solution that's consistently reliable, simple and always high performing.

This is the approach that Strand Products brings. We have simplified custom mechanical wire and cable assemblies design, without sacrificing quality, safety and consistency. Through a spirit of innovation and a commitment to high performance with simplicity, we aim to help push the medical device market forward.



Whatever stage, you can trust a Strand Products partnership.

Setting the industry standard in medical assembly manufacturing.



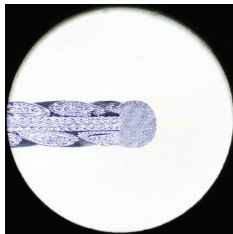
Reliability

Ensuring consistent adherence to industry standards for medical wire and cable assembly can be challenging for many manufacturers. Strand Products exceeds ISO and FDA requirements, placing your mind at ease. Our products are precision-manufactured to maintain exact tolerances and are packaged for safe handling, ensuring you remain at the forefront of innovation. This means that no matter which Strand Products component or assembly you choose, you get the highest quality and most consistent product, the first time and every time.



Simplicity

At Strand Products, everything we do is designed to make your job easier. Not just in the products we make, but in how our relationship with you, as a customer, grows. Streamlined communication with our mechanical engineers and material specialists ensures that your team is supported. Our expertise in Design For Manufacturing (DFM) helps us create the unique steps to market that ensure your project won't go over budget. With our 50-year record of pushing the boundaries of small, light, simple and efficient products, the Strand Products offer is simple.



Performance

We believe that performance only matters when coupled with productivity. That's why each Strand Products' wire and cable assembly is selected for its superior characteristics and is rigorously tested before being shipped to you. From innovative BSS® strands and BWS® wires to more complex FlexJoin System®, incorporating our technical product line ensures that you have the highest performing solution available. Because of this, our custom solutions and technical product line products are always consistent and cost-effective, without sacrificing productivity and efficiency.



Peace of Mind

We care about saving lives—that's why Strand Products is the clearest choice. The simplicity of our offer, and the combination of high performance and high productivity all mean that you can have the utmost confidence in your medical devices. We know what is most important to you and that reliability of our products matters. Allow our engineering experts to guide you through the selection process. We're here with you when it counts most, to help drive our industry forward and to better meet your medical device manufacturing needs.

Ready to start your design process?

We believe that collaboration is the key to any truly successful project. Your ideas deserve to be heard, and our teams are here to listen, assisting with technical direction as needed.



From our custom solutions

Precision designs that support your unique innovations.

When you dream “small,” we’ll dream along with you. We understand that you have great ideas of how to push the boundaries of small, light, simple and efficient to satisfy your customers’ needs. As your partner from design concept to post-market support, our mechanical engineers and material specialists are here to guide you through the entire product development lifecycle. We’ve worked with customers on a wide range of designs including wireless pacemakers, neuro-modulators, beating heart surgical devices, oncology sources and cardiac restoration systems. With cutting-edge technology at our fingertips, paired with our specialized expertise, our miniature, custom designs are constantly pushing the edge of the design world. We’re here to bring your ideas to life.



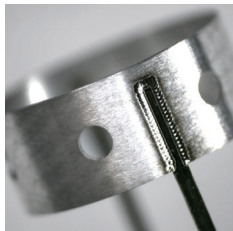
Complex assemblies

Strand Products’ custom complex assemblies are our primary, high-quality solution for the most demanding surgical needs. With the ability to produce a wide variety of high-tolerance mechanical wire and stranded cable assemblies, we specialize in complex, turnkey components requiring cleanroom assembly, detailed procedures, tight tolerances and comprehensive testing. Typical devices that utilize our products include suture passers, endoscopic/laparoscopic devices, surgical robotics and custom braided catheter shafts. With our engineering expertise at your fingertips, we invite your next challenge.



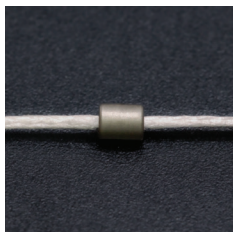
Cable assemblies

Strand Products’ custom cable assemblies deliver consistent results and are the right choice when manufacturing difficult, custom-fitting configurations. Specify your requirements and our team will quote your design without deviation. From welding and precision grinding to cold working and shape setting, we thrive on utilizing a broad width of industry techniques. When trying to achieve specific benchmarks such as tensile strength and flexibility, Strand Products’ competitive constructions and proprietary assembly techniques are the way to go.



Wire assemblies

Strand Products’ custom wire assemblies are the building blocks for your next product. We produce wire assemblies made from high-performance metals such as Tungsten, Nitinol, MP35N, Titanium, Elgiloy® and a variety of stainless steels, providing finished assemblies with diameters down to Ø0.0015". Featuring swaging and laser welding techniques, our secondary processing allows for us to produce innovative, custom solutions. Strand Products is simply the clear solution for your medical device manufacturing needs.



Cordage assemblies

Strand Products’ custom cordage assemblies provide a non-metallic solution for the problems of the future. When things are too constrained for a cable or wire to fit, we discovered a way to go there with cordage. No matter the project, each cord is carefully selected to match the specific needs of your custom design. Widely used in surgical robotics, our fibrous assemblies made from Vectran®, Kevlar®, Spectra® and UHMWPE are the highest performing materials. Strand Products cords are designed to be your high-quality solution for the most difficult applications.

To our technical product line

Proprietary assemblies for standard needs and high performance.

There are times when the circumstance demands a product ready for particular, high-end specifications. For these situations, we have our technical line of products: specific proprietary solutions designed for refined needs and performance, fully supported by our in-house, technical experts. Reliable names such as Beaded Strand System®, Beaded Wire System® and FlexJoin System® were developed by our team of engineers and manufactured in our ISO Class 7 and 8 cleanrooms so you can enjoy all the benefits of our “Strand-level” quality assurance.

Strand Products

an employee-owned company

As a leading supplier of custom mechanical wire and cable assemblies for medical devices, Strand Products specializes in cutting-edge, miniature assemblies for life-saving medical equipment. Recent achievements have placed Strand Products as one of the highest quality partners, advancing social and scientific progresses through medical device technologies. Dedicated to improving the performance of its customers' projects, Strand Products offers specialized manufacturing as well as custom design support to help with the journey and bring your most innovative projects to life.

Through our ongoing commitment to safety and reliability, Strand Products provides products, services and expertise through its FDA registered facility and on-site ISO Class 7 and 8 cleanrooms. All medical devices, surgical components and surgical subassemblies are assembled in its Southern California location.

As an employee-owned company, and as the world leader in miniature, custom medical assembly manufacturing, Strand Products has been pushing the envelope in engineering and quality standards for over 50 years, offering you an unrivaled customer experience and industry-leading technologies.



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Designing Your Path To Innovation.

We know your time is valuable and deadlines are looming. Let's take the next step together.

STEP 1

Consult

STEP 2

Collaborate

STEP 3

Create