

Precision Tubing. Built to Perform.

K-TUBE™
TECHNOLOGIES

K-Tube produces over 100 million feet of miniature stainless steel tubing each year, powering the next generation of medical, aerospace, and industrial devices with unmatched scale, speed, and precision.

**We don't just make tubing.
We help build better devices.
Faster.**

It Started With a Patient, Not a Product

Our story began with a machinist who needed better needles—and decided to make them himself. That mindset still drives everything we do: solve real problems, move quickly, and raise the bar on what tubing can do.

Today, we partner with engineers across medical, aerospace, and industrial markets to deliver tubing that's not just precise, it's purpose-built for innovation.

What Sets Us Apart

- Direct-from-the-source U.S. manufacturing
- Engineer-to-engineer collaboration
- Rapid prototyping and short lead times
- ISO 9001:2015, ISO 14001:2015, RoHS2, REACH, DFARS, EU MDR compliance
- Quality, consistency, and speed—all in one place
- Sustainable manufacturing, using certified materials and reducing waste through our coil-to-coil process.

Core Capabilities

We don't just make tubing. We solve tough engineering problems with speed, precision, and a focus on what matters most to your build.

- ✓ Application-specific solutions designed around function, not formulas
- ✓ Alloy expertise across stainless, titanium, and high-performance metals
- ✓ Outer diameters from 0.004" to 0.250", wall thicknesses from 0.001" to 0.025"
- ✓ Coiled material or straightened and cut to your required length
- ✓ Custom cut-to-length tubing in three finish options: Premium burr-free, machine-feed (score break), or factory cut (shear)
- ✓ Advanced cleaning for regulatory and performance-critical applications
- ✓ Tight tolerances that hold true from prototype to scale
- ✓ Forecasting and supply support to reduce delays and waste
- ✓ Hands-on technical support from our experienced team

Tubing That Helps Save Lives

Our tubing supports everything from biopsy needles to robotic surgery tools. With decades of experience in medical device manufacturing, we understand what it takes to meet clinical performance, biocompatibility, and regulatory expectations.

Common applications:

- Biopsy and spinal needles
- PTCA/cardiac catheters
- Implantable components
- Endoscopic and dental devices
- Neurovascular systems
- Capsule endoscopy

Build Smarter. Start with Discover.

K-Tube Discover gives engineers a faster way to go from idea to production-ready tubing. Work directly with our team to test materials, refine performance, and move fast—without compromising precision. **Custom material in hand in as little as two weeks.**

Less risk. Fewer delays. Better results. When tubing performance matters, start with a partner who builds it with you.

k-tube.com/capabilities/discover/

K-TUBE™

TECHNOLOGIES

Alloys That Push Performance

We match alloy to function—whether it's strength, formability, biocompatibility, or corrosion resistance—so your tubing performs exactly as your application demands, including:

- **Austenitic Stainless Steels**
304/304L, 316/316L, 321, 347
- **Precipitation Hardened Stainless Steels**
17-7 PH, 1RK91
- **Ferritic Stainless Steels**
430, 434
- **Martensitic Stainless Steels**
410, 420
- **Co-Cr Alloys: Elgiloy®**
L605, MP35N, MP35NLT
- **High Temperature Alloys**
Hastelloy® C-276, H2205, Inconel® 625 & 718, Haynes® 282
- **Glass Sealing Alloys**
Invar® 36, Kovar, Alloy 52
- **Titanium**
CP Grades 1-4, Grade 9

Need help choosing? We'll help you find the right fit for performance, compliance, and production.

K-Tube Technologies

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